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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**$269**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**269 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce*.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 613-952-2268

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC H3B 2V6
Tel.: 514-496-1797
Toll-free: 1 888 237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
Édifice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
Édifice Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6
Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail*™ and *Xpresspost*™ Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail* ™ and *Xpresspost*™ services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail* ™ and *Xpresspost*™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Service *Courrier recommandé* MC et *Xpresspost*MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandé*MC et *Xpresspost*MC de Postes Canada sont des établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandé*MC et *Xpresspost*MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of March 7, 2017 contains applications open to public inspection from February 19, 2017 to February 25, 2017.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 7 mars 2017 contient les demandes disponibles au public pour consultation pour la période du 19 février 2017 au 25 février 2017.

Canadian Patents Issued

March 7, 2017

Brevets canadiens délivrés

7 mars 2017

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[11] **2,289,153**
[13] C
[51] **Int.Cl. G09B 19/18 (2006.01) G09B 1/06 (2006.01)**
[25] EN
[54] **A METHOD OF TEACHING FINANCIAL MANAGEMENT**
[54] **METHODE D'ENSEIGNEMENT DE LA GESTION FINANCIERE**
[72] JOFFE, NEVILLE, CA
[73] AME ELEARNING INC., CA
[86] (2289153)
[87] (2289153)
[22] 1999-11-05

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[11] **2,421,374**
[13] C
[51] **Int.Cl. C12N 15/62 (2006.01) A61K 38/17 (2006.01) A61P 25/28 (2006.01) C07K 14/00 (2006.01) C07K 14/47 (2006.01) C07K 14/79 (2006.01) C07K 16/18 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/11 (2006.01) C12N 15/63 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DISEASES ASSOCIATED WITH AMYLOIDOSIS**
[54] **PROCEDES ET COMPOSITIONS RELATIFS A DES MALADIES ASSOCIEES A L'AMYLOIDE**
[72] NICOLAU, YVES CLAUDE, US
[73] AVENTIS PHARMA S.A., FR
[73] UNIVERSITE LOUIS PASTEUR, FR
[85] 2003-03-04
[86] 2001-09-06 (PCT/US2001/027632)
[87] (WO2002/021141)
[30] US (60/230,391) 2000-09-06
[30] US (60/255,033) 2000-12-12

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[11] **2,486,285**
[13] C
[51] **Int.Cl. C07K 16/30 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **IMMUNOCONJUGATES TARGETING SYNDECAN-1 EXPRESSING CELLS AND USE THEREOF**
[54] **IMMUNOCONJUGUES CIBLANT DES CELLULES A EXPRESSION DU SYNDECAN-1 ET UTILISATION DE CEUX-CI**
[72] GOLDMAKHER, VIKTOR S., US
[73] BIOTEST AG, DE
[73] IMMUNOGEN, INC., US
[86] (2486285)
[87] (2486285)
[22] 2004-10-29
[30] US (60/605,394) 2004-08-30

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[11] **2,488,328**
[13] C
[51] **Int.Cl. C12N 15/90 (2006.01) A61K 48/00 (2006.01) C12N 9/12 (2006.01) C12N 15/10 (2006.01) C12N 15/11 (2006.01) C12N 15/79 (2006.01)**
[25] EN
[54] **RETRONS FOR GENE TARGETING**
[54] **RETRONS POUR LE CIBLAGE DE GENE**
[72] ROZWADOWSKI, KEVIN L., CA
[72] LYDIATE, DEREK J., CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD, CA
[85] 2004-12-02
[86] 2003-06-05 (PCT/CA2003/000850)
[87] (WO2003/104470)
[30] US (60/386,640) 2002-06-05

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[11] **2,498,358**
[13] C
[51] **Int.Cl. H04W 88/02 (2009.01) G06F 3/14 (2006.01) G06F 9/44 (2006.01)**
[25] EN
[54] **WIRELESS COMMUNICATION DEVICE**
[54] **DISPOSITIF DE COMMUNICATION SANS FIL**
[72] CLAREY, NICHOLAS HOLDER, GB
[72] HAWKINS, JONATHAN DANIEL, GB
[73] QUALCOMM INCORPORATED, US
[85] 2005-03-09
[86] 2003-09-12 (PCT/GB2003/003990)
[87] (WO2004/025971)
[30] GB (0221181.1) 2002-09-13

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[11] **2,506,004**
[13] C
[51] **Int.Cl. A61B 1/317 (2006.01) A61B 17/58 (2006.01)**
[25] EN
[54] **MULTIPLE LUMEN SENSOR ATTACHMENT**
[54] **FIXATION DE CAPTEUR DE LUMEN MULTIPLE**
[72] WILSON, STEPHEN F., US
[72] GORHAN, MICHAEL C., US
[73] CODMAN & SHURTLEFF, INC., US
[86] (2506004)
[87] (2506004)
[22] 2005-04-29
[30] US (10/839,952) 2004-05-04

[11] **2,511,283**
[13] C
[51] **Int.Cl. A23G 9/38 (2006.01)**
[25] EN
[54] **IMPROVEMENT OF STABILITY, PHYSICOCHEMICAL, ORGANOLEPTIC AND NUTRITIONAL PROPERTIES OF ICE CREAM EMPLOYING NOVEL INGREDIENTS APPLYING ULTRA HIGH PRESSURE THEREOF**
[54] **AMELIORATION DE LA STABILITE ET DES PROPRIETES PHYSICOCHIMIQUES, ORGANOLEPTIQUES ET NUTRITIONNELLES DE LA CREME GLACEE AU MOYEN D'INGREDIENTS NOVATEURS EXERCANT UNE TRES HAUTE PRESSION**
[72] HOSSEINI-NIA, TAHEREH, CA
[72] AL-MUGHRABI, KHALIL, CA
[73] HOSSEINI-NIA, TAHEREH, CA
[73] AL-MUGHRABI, KHALIL, CA
[86] (2511283)
[87] (2511283)
[22] 2005-07-14

[11] **2,513,747**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01) C12P 19/34 (2006.01) G01N 1/00 (2006.01)**
[25] EN
[54] **METHODS OF PREDICTING MORTALITY RISK BY DETERMINING TELOMERE LENGTH**
[54] **PROCEDES PERMETTANT DE PREDIRE LE RISQUE DE MORTALITE EN MESURANT LA LONGUEUR DES TELOMERES**
[72] CAWTHON, RICHARD, US
[73] UNIVERSITY OF UTAH, US
[85] 2005-07-19
[86] 2004-01-26 (PCT/US2004/002215)
[87] (WO2004/068110)
[30] US (60/442,456) 2003-01-24

[11] **2,529,598**
[13] C
[51] **Int.Cl. A61K 31/529 (2006.01) A61K 9/19 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **STABLE FREEZE-DRIED PHARMACEUTICAL FORMULATION OF TETRODOTOXIN**
[54] **FORMULATION PHARMACEUTIQUE LYOPHILISEE STABLE CONTENANT DE LA TETRODOTOXINE**
[72] ZHANG, XIAO, CN
[72] KANG, YUHONG, CN
[72] HUANG, XIAOYAN, CN
[73] WEX MEDICAL LIMITED, CN
[85] 2005-12-15
[86] 2004-07-02 (PCT/CN2004/000736)
[87] (WO2005/004874)
[30] CN (03146020.8) 2003-07-14

[11] **2,540,732**
[13] C
[51] **Int.Cl. C12M 1/26 (2006.01) C12M 1/28 (2006.01) C12N 1/00 (2006.01) C12Q 1/00 (2006.01) G01N 1/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR REPLICATING ARRAYS OF CELL COLONIES**
[54] **PROCEDE ET DISPOSITIF POUR REPLIQUER DES RESEAUX DE COLONIES DE CELLULES**
[72] BOONE, CHARLES, CA
[72] KUZAN, PAWEL, CA
[73] ENGINEERING SERVICES INC., CA
[73] BOONE, CHARLES, CA
[85] 2006-03-30
[86] 2004-09-30 (PCT/CA2004/001715)
[87] (WO2005/030922)
[30] US (10/673,545) 2003-09-30

[11] **2,544,223**
[13] C
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 35/00 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **STABILIZED ALPHA HELICAL PEPTIDES AND USES THEREOF**
[54] **PEPTIDES ALPHA-HELICOIDAUX STABILISES ET LEURS APPLICATIONS**
[72] WALENSKY, LOREN D., US
[72] KORSMEYER, STANLEY J., US
[72] VERDINE, GREGORY, US
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[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[73] HALDOR TOPSOE A/S, DK
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[72] PUERTA, LUIS FEDERICO, CH
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[54] **SYSTEME, PROCEDE ET APPAREIL POUR TETE DE PUITS THERMIQUE AVEC CABLE A HAUTE TENSION POUR LA VALORISATION ET LE TRAITEMENT IN-SITU**
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[73] VETCO GRAY INC., US
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[72] GARCIA-ECHEVERRIA, CARLOS, CH
[72] JENSEN, MICHAEL RUGAARD, CH
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[73] BLACKBERRY LIMITED, CA
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[54] **DETECTION DE PRODUIT VIDE ET DE BAS NIVEAU DE PRODUIT UTILISANT UNE CELLULE DE CHARGE ET UN SUPPORT DE CELLULE DE CHARGE**
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[54] **DETECTION DU FACTEUR XIII PERMETTANT DE VERIFIER UN ECHANTILLON DE SERUM AINSI QU'UN VOLUME D'ECHANTILLON ET DE DETECTER UNE DILUTION**
[72] BINDER, STEVEN R., US
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[54] **PROCEDE POUR PROLONGER LA DUREE DE CONSERVATION SANS POURRITURE ET AMELIORER LES CARACTERISTIQUES AROMATIQUES DE PRODUITS DE BOULANGERIE ET DE PATISSERIE**
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[54] **UTILISATION DE 2,4-PYRIMIDINEDIAMINES POUR LE TRAITEMENT DE L'ATHEROSCLEROSE**
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[72] MEVELLEC, LAURENCE ANNE, FR
[72] VIALARD, JORGE EDUARDO, BE
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[54] **COMPOSITION DE BETON A DEUX COMPOSANTS POUR LE MARCHE DE LA CONSTRUCTION, UTILISATIONS CONNEXES ET OBJETS STRUCTURELS DURCIS OBTENUS AVEC CELUI-CI**
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[54] **DERIVES SPIRO-INDOLES POUR LE TRAITEMENT DE MALADIES PARASITAIRES**
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[72] KRASTEL, PHILIPP, CH
[72] LEONG, SEH YONG, SG
[72] TAN, LIYING JOCELYN, SG
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[54] **DISPOSITIFS DE PREPARATION D'ECHANTILLONS ET PROCEDES DE TRAITEMENT D'ANALYTES**
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[72] VASUDEVA, KAILASH C., CA
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[54] **PROCEDE DE FABRICATION D'UN NOYAU DE TRANSFORMATEUR ET NOYAU DE TRANSFORMATEUR**
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[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **APPAREIL ET PROCEDE POUR REDUIRE UN PAPR DE SIGNAL DE PREAMBULE DANS UN SYSTEME DE DIFFUSION NUMERIQUE**
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[72] KWON, HWAN-JOON, KR
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[54] **PROCEDE ET INSTALLATION DE TRAITEMENT DES EAUX RESIDUAIRES EN VUE D'EN ABATTRE L'EFFET PERTURBATEUR ENDOCRINIEN ET/OU L'EFFET TOXIQUE OU GENOTOXIQUE**
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[54] **PROCEDE NON ELECTROLYTIQUE DE METALLISATION EN LIGNE DE SUBSTRATS PAR PROJECTION AVEC TRAITEMENT DE SURFACE PREALABLE ET DISPOSITIF POUR LA MISE EN OEUVRE DU PROCEDE**
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[54] **PROCEDE DESTINE A AUGMENTER LE FLUX DE CIRCULATION DU TRANSPORT DE PETROLE DES PUITS DE PRODUCTION PAR INJECTION DE POLYMERE DANS UNE EMULSION DANS UN PIPELINE**
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[72] SATAKE, YOSHINORI, JP
[72] OHTSUBO, KAZUMITSU, JP
[73] MEIJI CO., LTD., JP
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[72] OHTSUBO, KAZUMITSU, JP
[73] MEIJI CO., LTD., JP
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[54] **STERILISATEUR ANTIMICROBIEN PORTATIF A ULTRAVIOLET**
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[73] STER-O-WAVE, US
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[54] **HYGIENIC TAMPON, OPTIONALLY A DIGITAL OR APPLICATOR TAMPON, AS WELL AS APPARATUS AND METHOD FOR MANUFACTURING THEREOF**
[54] **TAMPON HYGIENIQUE, EVENTUELLEMENT POSE MANUELLEMENT OU A L'AIDE D'UN APPLICATEUR, AINSI QU'APPAREIL ET PROCEDE POUR SA FABRICATION**
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[54] **PROCEDE, SYSTEME ET PROGRAMME INFORMATIQUES POUR AFFICHAGE D'INTERFACE-UTILISATEUR**
[72] BIJANI, PRAMOD, IN
[72] MEHROTRA, SIDDHARTH, IN
[72] KAULGUD, VIKRANT SHYAMKANT, IN
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **APPROCHE OPTIQUE POUR LA DETECTION PAR ELECTROPHORESE D'ADN MICROFLUIDIQUE**
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[72] LANDERS, JAMES P., US
[72] BIENVENUE, JOAN M., US
[72] MARCHIARULLO, DANIEL, US
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[54] **PROCEDE ET APPAREIL POUR PREPARER UNE PLAQUE MERE DE CATHODE PERMANENTE DESTINEE A UN PROCESSUS ELECTROLYTIQUE**
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[54] **COMPOSITION FONGICIDE A USAGE AGRICOLE OU HORTICOLE ET SON UTILISATION DANS LE CADRE DE LA LUTTE CONTRE LES AGENTS PATHOGENES DES PLANTES**
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[54] **FOOTWEAR, CLOTHING AND OTHER APPAREL WITH INTERCHANGEABLE TOE AND HEEL MEMBERS OR OTHER ORNAMENTS AND RELATED METHODS AND SYSTEMS**
[54] **CHAUSSURE, VETEMENT ET AUTRE ARTICLE AVEC ELEMENTS DE POINTE ET DE TALON INTERCHANGEABLES, OU AUTRES ORNEMENTS, ET PROCEDES ET SYSTEMES ASSOCIES**
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[72] VOLL, BENN, BH
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[54] **CASSETTES DE FLUIDE MEDICAL ET SYSTEMES ET PROCEDES AFFERENTS**
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[72] JENSEN, LYNN, US
[72] PLAHEY, KULWINDER S., US
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[54] **CARTON COMPRENANT DES COMPARTIMENTS DESTINES A CONTENIR UN PRODUIT**
[72] FITZWATER, KELLY R., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[72] CHEN, FENG-JING, US
[72] SCHWABE, ROBERT J., US
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **COMPOSES SPIRO-AMINIQUES CONVENANT AU TRAITEMENT, NOTAMMENT, DES TROUBLES DU SOMMEIL ET DE LA PHARMACODEPENDANCE**
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[73] ROTTAPHARM BIOTECH S.R.L., IT
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[54] **PROCEDE ET SYSTEME DE REGLAGE DE PROGRAMME DE TRANSIT A DEMANDE/REPONSE**
[72] CLARK, JARROD GREGORY, CA
[73] TRAPEZE SOFTWARE INC., CA
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[54] **DISPOSITIF DE COLLECTE DES GAZ EMIS PAR DES CUVES D'ELECTROLYSE D'ALUMINIUM, ET SYSTEME DE PRODUCTION D'ALUMINIUM ASSOCIE**
[72] MALARD, THIERRY, FR
[72] BOUHABILA, EL HANI, FR
[73] SOLIOS ENVIRONNEMENT, FR
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[54] **SYSTEMES ET PROCEDES POUR APPLIQUER DES ETIQUETTES RETRACTABLES**
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[72] BOCKMULLER, JEREMY, US
[72] CEVERA, RICHARD L., US
[72] CHARNY, JOHN A., US
[72] MCCLELLEN, NICK, US
[72] POTTER, CRAIG W., US
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[54] **PROCEDE DE FABRICATION D'UN CONTENANT**
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[72] OTAKI, RYOJI, JP
[73] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
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[54] **ANALOGUES DE NITRO-IMIDAZO-OXAZINE ET DE NITRO-IMIDAZO-OXAZOLE ET LEURS UTILISATIONS**
[72] THOMPSON, ANDREW M., NZ
[72] DENNY, WILLIAM ALEXANDER, NZ
[72] BLASER, ADRIAN, NZ
[72] MA, ZHENKUN, US
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[54] **NITROIMIDAZOOXAZINES AND THEIR USES IN ANTI-TUBERCULAR THERAPY**
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[72] DENNY, WILLIAM ALEXANDER, NZ
[72] THOMPSON, ANDREW M., NZ
[72] BLASER, ADRIAN, NZ
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[72] PALMER, BRIAN DESMOND, NZ
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[72] JAMES, MICHAEL DAVID, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **CELLULE STRUCTURALE MODULEE PERMETTANT DE SUPPORTER UN RESEAU RACINE ARBORESCENT**
[72] GOODEN, BEN, AU
[73] STRATA INNOVATIONS PTY LIMITED, AU
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[72] PACKARD, RICHARD, GB
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[72] HUTCHINSON, IAN, GB
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[73] CORE SURGICAL LIMITED, GB
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[54] **SONDE D'ECLAIRAGE STRUCTUREE ET PROCEDE ASSOCIE**
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[73] ALCON RESEARCH, LTD., US
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[54] **A SYSTEM AND METHOD FOR STORING THERMAL ENERGY AS AUXILIARY POWER IN A VEHICLE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE STOCKER DE L'ENERGIE THERMIQUE A DES FINS D'ALIMENTATION AUXILIAIRE DANS UN VEHICULE**
[72] GIBBS, DAVID ROBERT, CA
[72] BACHALO, CHRISTOPHER, CA
[72] STANNARD, JOHN HAMILTON, CA
[73] ENERMOTION INC., CA
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[72] BROWN, JULIAN M., GB
[72] SMITH, PETER J., GB
[72] WILLIAMS, STEPHEN M., GB
[72] STEELE, JASON A., GB
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **PIECE RAPPORTEE METALLIQUE DURE POUR FORAGE A PERCUSSION ET PROCEDE DE MEULAGE D'UNE PIECE RAPPORTEE METALLIQUE DURE**
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[72] WESSBERG, JOHAN, SE
[73] ATLAS COPCO SECOROC AB, SE
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[54] **COMPOSITION FOR THE EXTERNAL TREATMENT OF CADAVERS**
[54] **NOUVELLE COMPOSITION POUR LE TRAITEMENT DES BLESSURES EXTERNES ET DES ESCARRES**
[72] GRAUGNARD, HENRI, FR
[72] POLI, LAURA, FR
[72] DISSARD, DOMINIQUE, FR
[72] GILOTIN, DENIS, FR
[72] JAY, JEAN-CHARLES, FR
[73] OGF, FR
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[54] **ENSEMBLE COMBINE RADIATEUR, COMMANDE ET INTERRUPTEUR A DISTANCE ET LUMINAIRE**
[72] CHAN, PAUL K.C., CN
[73] IPOWER TECHNOLOGY LIMITED, HK
[85] 2012-04-02
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[54] **RADIO COMMUNICATION METHOD AND A BASE STATION AND USER TERMINAL THEREOF**
[54] **PROCEDE DE RADIOCOMMUNICATION, STATION DE BASE ET TERMINAL D'UTILISATEUR CONNEXE**
[72] SHIMOMURA, TSUYOSHI, JP
[72] KIMURA, DAI, JP
[73] FUJITSU LIMITED, JP
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[54] **QUANTUM DOTS IN ELECTRONIC DEVICE EXTERIOR SURFACE**
[54] **POINTS QUANTIQUES SUR LA SURFACE EXTERNE D'APPAREILS ELECTRONIQUES**
[72] PURDY, MICHAEL LORNE, CA
[72] FLETCHER, BERGEN ALBERT, CA
[72] ROBINSON, JAMES ALEXANDER, CA
[73] BLACKBERRY LIMITED, CA
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[54] **EMULSIONS A FOUETTER, A TENEUR REDUITE EN MATIERES GRASSES ET CONTENANT DES FIBRES ALIMENTAIRES**
[72] SHARMA, SHRI K., US
[72] GUTIERREZ DEL TORO, ABELARDO, US
[72] SHARMA, AMAN K., US
[73] RICH PRODUCTS CORPORATION, US
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[54] **HEAT ACTIVATED ADHESIVE COMPOSITION CONTAINING COCONUT OIL**
[54] **COMPOSITION D'ADHESIF THERMOCOLLANT CONTENANT DE L'HUILE DE COCO**
[72] RAMJIT, RAVI, US
[72] KENG, TA KANG, US
[72] JENSEN, JARL, US
[73] EUROMED, INC., US
[85] 2012-04-10
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[54] **METHOD**
[54] **PROCEDE**
[72] HAMILTON, HUGH GAVIN CHARLES, GB
[73] ANGLO PLATINUM MARKETING LIMITED, GB
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[54] **HINGE MECHANISM FOR A FLUID FILLED LENS ASSEMBLY**
[54] **MECANISME DE CHARNIERE POUR UN ENSEMBLE LENTILLE REMPLI DE FLUIDE**
[72] SENATORE, DANIEL, US
[72] PETERSON, MATTHEW WALLACE, US
[72] DOWNING, JONATHAN, US
[72] GUPTA, AMITAVA, US
[72] EGAN, WILLIAM, US
[72] NIBAUER, LISA, US
[72] STANGOTA, FRANK, US
[72] DECKER, BRUCE, US
[72] MCGUIRE, THOMAS M., US
[72] SCHNELL, URBAN, CH
[72] HAROUD, KARIM, CH
[72] LOSER, PASCAL, CH
[73] ADLENS BEACON, INC., US
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[54] **A LIQUID CRYSTAL COMPOSITION AND A METHOD OF MAKING THE SAME**
[54] **UNE COMPOSITION DE CRISTAL LIQUIDE ET UNE METHODE DE FABRICATION ASSOCIEE**
[72] CALVERT, RICHARD PETER CURTIS, US
[72] CAPPUCCINO, CHARLES D., US
[72] MOSBAUGH, JAMES DAVID, US
[72] PHELAN, EDMUND L., US
[73] COPPERHEAD CHEMICAL COMPANY, US
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[54] **PTEROSTILBENE (PTER) DESTINE A ETRE UTILISE DANS LA PREVENTION ET/OU LE TRAITEMENT DES MALADIES, DES ATTEINTES OU DES LESIONS CUTANEES**
[72] ESTRELA ARIQUEL, JOSE MARIA, ES
[72] ASENSI MIRALLES, MIGUEL A., ES
[73] GREEN MOLECULAR S.L., ES
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[25] EN
[54] **MARINE PROPULSION DEVICE**
[54] **DISPOSITIF DE PROPULSION MARITIME**
[72] KODERA, MASANORI, JP
[72] NANKE, YOSHIKI, JP
[72] SHIRAISHI, KOICHI, JP
[72] AIZAWA, YASUO, JP
[72] SAITO, TOSHIYUKI, JP
[73] NIIGATA POWER SYSTEMS CO., LTD., JP
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[54] **IGNITION SYSTEM CONTROL METHOD AND SYSTEM**
[54] **PROCEDE DE COMMANDE D'UN SYSTEME D'ALLUMAGE ET SYSTEME**
[72] OLSSON, JOHAN, SE
[72] OLSSON, TIM, SE
[73] SEM AKTIEBOLAG, SE
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[54] **POTENTIAL FLUIDIZATION DEVICE FOR CONVEYING POWDER MATERIALS ONTO A HYPERDENSE BED**
[54] **DISPOSITIF A FLUIDISATION POTENTIELLE, DESTINE AU CONVOYAGE DE MATERIAUX PULVERULENTS EN LIT HYPERDENSE**
[72] PETIT, GOEFFREY, FR
[72] HEMATI, MEHRDJI, FR
[72] ROUSSEAUX, JEAN-MARC, FR
[73] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
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[25] EN
[54] **LIGHTNING PROTECTION FOR A NACELLE OF A WIND TURBINE**
[54] **PROTECTION CONTRE LA FOUDRE POUR UNE NACELLE D'UNE EOLIENNE**
[72] LEWKE, BASTIAN, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **LOW IGNITION PROPENSITY WRAPPING PAPER AND METHOD AND MACHINE OF MANUFACTURING SAME**
[54] **PAPIER D'EMBALLAGE A FAIBLE PROPAGATION DE FLAMMES, SON PROCEDE DE FABRICATION ET MACHINE POUR SA FABRICATION**
[72] KIDA, SHINZO, JP
[72] IZUMIYA, TAKAFUMI, JP
[72] TOWATARI, KEISUKE, JP
[73] JAPAN TOBACCO INC., JP
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[54] **REDUCING OPTICAL LOSS IN REFLECTIVE OPTICAL GRATINGS**
[54] **REDUCTION DES PERTES OPTIQUES DANS LES RESEAUX OPTIQUES REFLECHISSANTS**
[72] FENG, DAZENG, US
[72] ASGHARI, MEHDI, US
[72] QIAN, WEI, US
[72] KUNG, CHENG-CHIH, US
[72] FONG, JOAN, US
[73] MELLANOX TECHNOLOGIES SILICON PHOTONICS INC., US
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[25] EN
[54] **ADAPTOR DEVICE FOR A MACHINE FOR PREPARING AND DISPENSING BEVERAGES OBTAINED BY MEANS OF INFUSION OF A POWDERY SUBSTANCE**
[54] **DISPOSITIF ADAPTATEUR POUR MACHINE DE PREPARATION ET DE DISTRIBUTION DE BOISSONS OBTENUES PAR INFUSION D'UNE SUBSTANCE EN POUDRE**
[72] ZANETTI, MARTINO, IT
[73] HAUSBRANDT TRIESTE 1892 SPA, IT
[85] 2012-05-29
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[87] (WO2011/010338)
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[54] **THERMOPLASTIC POLYMER BLENDS COMPRISING DYNAMICALLY CROSSLINKED POLYURETHANE IN AN OLEFIN POLYMER MATRIX**
[54] **MELANGES DE POLYMERES THERMOPLASTIQUES COMPRENANT DU POLYURETHANE DYNAMIQUEMENT RETICULE DANS UNE MATRICE DE POLYMERE OLEFINIQUE**
[72] SUN, YABIN, CN
[72] TAI, XIANGYANG, CN
[72] FAN, LIQIANG, CN
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **PROCESS AND ADDITIVE TO IMPROVE ADHESION OF BUILDING COMPOSITIONS TO SUBSTRATES**
[54] **PROCEDE ET ADDITIF POUR AMELIORER L'ADHERENCE DE COMPOSITIONS DE CONSTRUCTION A DES SUBSTRATS**
[72] WILLIMANN, HONGLI, CH
[72] KOELLIKER, ROBERT, CH
[72] PUSTOVGAR, ANDREY PETROVICH, RU
[72] WICKI, HANS, CH
[72] HEINI, URS, CH
[72] ABERLE, THOMAS, CH
[73] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
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[54] **SHEET FILTER MATERIALS WITH ADDITIVES**
[54] **MATERIAUX DE FEUILLE FILTRANTE AVEC ADDITIFS**
[72] RUSHFORTH, DAVID, GB
[72] SAMPSON, JOHN, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2012-06-13
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[54] **DESHUILAGE D'EAU PRODUITE ISSUE DE PROCEDE SAGD**
[72] POLIZZOTTI, DAVID M., US
[72] KHWAJA, ABDUL RAFI, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2012-06-14
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[25] EN
[54] **RHEOLOGY MODIFIED INK AND PRINTING PROCESS**
[54] **ENCRE A RHEOLOGIE MODIFIEE ET PROCEDE D'IMPRESSION**
[72] MHEIDLE, MICKAEL, CH
[73] JK GROUP S.P.A., IT
[85] 2012-06-26
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[25] EN
[54] **GAS TURBINE ENGINE AND HIGH SPEED ROLLING ELEMENT BEARING SYSTEM**
[54] **MOTEUR A TURBINE A GAZ ET SYSTEME DE PALIER A ELEMENTS ROULANTS A GRANDE VITESSE**
[72] KACHINSKI, PAUL A., US
[73] ROLLS-ROYCE CORPORATION, US
[85] 2012-06-29
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[51] **Int.Cl. C07D 311/58 (2006.01)**
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[54] **PROCESS FOR THE PREPARATION OF NEBIVOLOL**
[54] **PROCEDE DE PREPARATION DE NEBIVOLOL**
[72] BARTOLI, SANDRA, IT
[72] CIPOLLONE, AMALIA, IT
[72] FATTORI, DANIELA, IT
[73] MENARINI INTERNATIONAL OPERATIONS LUXEMBOURG S.A., LU
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[54] **METHOD FOR MAKING A HYBRID CONTACT LENS**
[54] **PROCEDE DE FABRICATION D'UNE LENTILLE DE CONTACT HYBRIDE**
[72] VEILLARD, EMMANUEL, FR
[72] RENAULT, PASCAL, FR
[72] LEBAILLY, JEAN-PHILIPPE, FR
[73] LENTILLES, FR
[85] 2012-07-11
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[25] EN
[54] **NETWORK BASED SERVICE PROFILE MANAGEMENT WITH USER PREFERENCE, ADAPTIVE POLICY, NETWORK NEUTRALITY, AND USER PRIVACY**
[54] **GESTION DE PROFIL DE SERVICE FONDEE SUR UN RESEAU PRENANT EN COMPTE LES PREFERENCES DE L'UTILISATEUR, UNE POLITIQUE ADAPTATIVE, LA NEUTRALITE DU RESEAU, ET LA CONFIDENTIALITE DE L'UTILISATEUR**
[72] RALEIGH, GREGORY G., US
[73] HEADWATER PARTNERS I LLC, US
[85] 2012-07-11
[86] 2010-01-18 (PCT/US2010/021301)
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[30] US (61/206,354) 2009-01-28
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[51] **Int.Cl. H04W 4/00 (2009.01) G06F 17/30 (2006.01)**
[25] EN
[54] **DEVICES AND METHOD FOR SEARCHING DATA ON DATA SOURCES ASSOCIATED WITH A CATEGORY**
[54] **DISPOSITIFS ET PROCEDE DE RECHERCHE DE DONNEES SUR DES SOURCES DE DONNEES ASSOCIEES A UNE CATEGORIE**
[72] KAUL, BHAVUK, US
[72] NIRANJAN, KARTHIGESU, CA
[72] IGNACZ, JENNIFER, CA
[72] VYAS, SHILPA, GB
[72] LINDSAY, DONALD JAMES, CA
[72] BUKURAK, DAVID, CA
[73] BLACKBERRY LIMITED, CA
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[30] US (61/304,665) 2010-02-15
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[25] EN
[54] **ADVANCED USER INTERFACE OPERATIONS IN A DUAL-MODE WIRELESS DEVICE**
[54] **OPERATIONS D'INTERFACE UTILISATEUR AVANCEES DANS UN APPAREIL SANS FIL BIMODAL**
[72] LAZARDIS, MIHAL, CA
[72] MOUSSEAU, GARY P., CA
[73] BLACKBERRY LIMITED, CA
[86] (2790677)
[87] (2790677)
[22] 2002-12-06
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[25] EN
[54] **TRANSFER STATION FOR PLANT MATERIAL SAMPLING AND TRACKING SYSTEM**
[54] **STATION DE TRANSFERT POUR SYSTEME DE PRELEVEMENT D'ECHANTILLONS ET DE SUIVI DE MATIERE VEGETALE**
[72] LAFFERTY, WILLIAM MICHAEL, US
[72] BEAVER, SCOTT WAYNE, US
[72] TWEEDY, CHARLES WILSON, US
[72] GEORGE, ELIZABETH ANN, US
[72] FRANDSEN, WALTER JAMES, JR., US
[72] BARGHINI, ANTHONY DAVID, US
[72] KLINE, DANIEL STEVEN, US
[72] SWAMER, SHANE SCOTT, US
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2012-08-23
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[13] C
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[54] **COMBINAISON D'UN ANALGESIQUE A ACTION CENTRALE ET D'UN AGENT ANTI-INFLAMMATOIRE INHIBITEUR SELECTIF DE LA CYCLOOXYGENASE 2 POUR LE TRAITEMENT DE L'INFLAMMATION ET DE LA DOULEUR DANS LE DOMAINE VETERINAIRE.**
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[73] FORMEVET S.R.L., IT
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[54] **FISCHER-TROPSCH SYNTHESIS CATALYST, MANUFACTURING METHOD THEREFOR, AND HYDROCARBON MANUFACTURING METHOD**
[54] **CATALYSEUR DE SYNTHESE DE FISCHER-TROPSCH, L'UNE DE SES METHODES DE FABRICATION ET METHODE DE FABRICATION D'HYDROCARBURES**
[72] ONO, HIDEKI, JP
[72] NAGAYASU, YOSHIYUKI, JP
[72] HAYASAKA, KAZUAKI, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
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[54] **PERIMETRES A GENERATION DYNAMIQUE**
[72] MAY, DARRELL REGINALD, CA
[72] CHERRY, CARL LLOYD, CA
[72] CARDAMORE, DANIEL, CA
[72] NAGARAJAN, SIVAKUMAR, CA
[73] 2236008 ONTARIO INC., CA
[73] BLACKBERRY LIMITED, CA
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[54] **ORGANISEUR DE CONNECTEUR OPTIQUE**
[72] DONALDSON, CHRISTOPHER, US
[72] KIMBRELL, EDDIE, US
[72] LICHOULAS, TED, US
[73] AFL TELECOMMUNICATIONS LLC, US
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[54] **APPARATUS, AND ASSOCIATED METHOD, FOR SYNCHRONIZING A DATABASE**
[54] **APPAREIL ET PROCEDE CONNEXE POUR SYNCHRONISER UNE BASE DE DONNEES**
[72] MAY, DARRELL REGINALD, CA
[72] EWANCHUK, ANDREW JOHN, CA
[72] CHERRY, CARL LLOYD, CA
[73] BLACKBERRY LIMITED, CA
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[54] **DISPOSITIF DE REGULATION DU DEBIT ET PROCEDE DE REGULATION DU DEBIT**
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[73] STATOIL PETROLEUM AS, NO
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[54] **PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME**
[54] **DISPOSITIF ELECTRONIQUE PORTABLE ET PROCEDE DE COMMANDE DE CELUI-CI**
[72] KUO, MARGARET ELIZABETH, CA
[72] STOVICEK, THOMAS JAN, US
[72] HONG, YOOJIN, US
[72] LANGLOIS, MICHAEL GEORGE, CA
[72] CHEN, HENRY, CA
[73] BLACKBERRY LIMITED, CA
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[54] **ENSEMBLE DE LEVEE DE MODULE REGLABLE**
[72] HERMANN, ULRICH (RICK), CA
[72] OLEARCZYK, JACEK, CA
[73] PCL INDUSTRIAL MANAGEMENT INC., CA
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[54] **MELANGES D'ANTIOXYDANT THIOBISPHENOLIQUE ET DE POLYETHYLENE GLYCOL**
[72] ADAMCZYK, ANTONI, US
[72] EMLEY, DANIEL, US
[72] DUNCHUS, NEIL, US
[72] COGEN, JEFFREY M., US
[72] SONG, SUSAN, US
[73] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC, US
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[54] **PARTICULES DE DISTRIBUTION**
[72] DIHORA, JITEN ODHAVJI, US
[72] SMETS, JOHAN, BE
[72] SCHWANTES, TODD ARLIN, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **APPAREIL DE NETTOYAGE D'ARENA ET METHODE CONNEXE**
[72] KLANOW, BRIAN, US
[72] SIELOFF, PATRICK J., US
[73] ARENASERV LLC, US
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[54] **MANCHON AMOVIBLE POUR COMMUTATEUR HAUTE TENSION**
[72] BORGSTROM, ALAN D., US
[72] HIGGINS, KIERAN, US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
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[54] **METHOD FOR AUTOMATIC MAXIMUM POWER REGULATION FOR X-RAY UNIT AND DEVICE NEEDED FOR THIS PURPOSE**
[54] **PROCEDE DE REGULATION AUTOMATIQUE DE PUISSANCE MAXIMALE POUR UN EQUIPEMENT A RAYONS X ET DISPOSITIF NECESSAIRE A CETTE FIN**
[72] DIAZ CARMENA, ANGEL, ES
[72] GOMEZ RODRIGUEZ, ANIBAL, ES
[72] DIAZ CARMENA, FRANCISCO, ES
[73] SOCIEDAD ESPANOLA DE ELECTROMEDICINA Y CALIDAD, S.A., ES
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[72] TORRANCE, TONY L., US
[73] DASHAMERICA, INC. D/B/A PEARL IZUMI USA, INC., US
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[54] **METHOD AND SYSTEM FOR CONTROLLING WELLBORE PRODUCTION TEMPERATURE**
[54] **PROCEDE ET SYSTEME DE REGULATION DE LA TEMPERATURE DE PRODUCTION D'UN PUITS DE FORAGE**
[72] SCHNEIDER, MARVIN, US
[73] WORLD ENERGY SYSTEMS INCORPORATED, US
[86] (2803428)
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[54] **INSULATING GASKET CONSTRUCTION FOR HEAD-OF-WALL JOINTS**
[54] **CONSTRUCTION ISOLANTE A JOINTS D'ETANCHEITE POUR JOINTS DE TETE DE MUR**
[72] STAHL, JAMES P., JR., US
[73] SPECIFIED TECHNOLOGIES INC., US
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[54] **SWITCHING APPARATUS FOR A FLUID FLOW**
[54] **DISPOSITIF DE COMMUTATION POUR UN ECOULEMENT DE FLUIDE**
[72] SCHLICHTER, BERNHARD, DE
[72] DEUTSCHMEYER, MANFRED, DE
[73] HYDAC PROCESS TECHNOLOGY GMBH, DE
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[54] **PROCEDE DE SYNTHESE DE MORPHINANES SUBSTITUES**
[72] DUNCAN, SCOTT, US
[73] ALKERMES PHARMA IRELAND LIMITED, IE
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[54] **SUCTION DEVICE FOR EVACUATING FUMES**
[54] **DISPOSITIF D'ASPIRATION POUR EVACUER DES FUMEES**
[72] MILO, ANTON G.C., US
[73] MILO, ANTON G.C., US
[85] 2013-01-14
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[54] **LED LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES**
[72] FONTECCHIO, ADAM K., US
[72] SHELDON, DONALD, US
[72] EISELE, ERIC JON, US
[73] DELOS LIVING, LLC, US
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[54] **METHOD AND APPARATUS FOR ROTARY MOLDING**
[54] **PROCEDE ET APPAREIL POUR MOULAGE ROTATIF**
[72] LINDEE, SCOTT A., US
[72] HANSEN, DAVID, US
[72] LAMARTINO, SALVATORE, US
[72] BAUER, BRUCE, US
[72] WOLCOTT, THOMAS C., US
[72] ILL, STEVEN C., US
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[54] **CONSTRUCTING VERY HIGH THROUGHPUT SIGNAL (VHT-SIG) FIELDS FOR REDUCED PEAK-TO-AVERAGE POWER RATIO (PAPR)**
[54] **CONSTRUCTION DE CHAMPS DE SIGNAUX A TRES HAUT DEBIT (VHT-SIG) DANS LE BUT DE REDUIRE UN FACTEUR DE CRETE MAXIMUM (PAPR, PEAK-TO-AVERAGE POWER RATIO)**
[72] YANG, LIN, US
[72] JONES, VINCENT KNOWLES, IV, US
[72] VAN ZELST, ALBERT, US
[72] SAMPATH, HEMANTH, US
[72] VAN NEE, DIDIER JOHANNES RICHARD, NL
[73] QUALCOMM INCORPORATED, US
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[54] **METHOD FOR DEPRESSURIZING A NUCLEAR POWER PLANT, DEPRESSURIZATION SYSTEM FOR A NUCLEAR POWER PLANT, AND ASSOCIATED NUCLEAR POWER PLANT**
[54] **PROCEDE DE DEPRESSURISATION D'UNE CENTRALE NUCLEAIRE, SYSTEME DE DEPRESSURISATION POUR UNE CENTRALE NUCLEAIRE ET CENTRALE NUCLEAIRE CORRESPONDANTE**
[72] ECKARDT, BERND, DE
[72] LOSCH, NORBERT, DE
[72] PASLER, CARSTEN, DE
[73] AREVA GMBH, DE
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[54] **SYSTEM AND METHOD FOR CONTROLLING SOIL FINISH FROM AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME ET PROCEDE POUR CONTROLER LA TEXTURE DU SOL A PARTIR D'UN INSTRUMENT ARATOIRE**
[72] HENRY, JIM, CA
[72] POSSELIUS, JOHN, US
[73] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **PLASTICIZERS MADE FROM OIL EXTRACTED FROM MICROORGANISMS AND POLAR POLYMERIC COMPOSITIONS COMPRISING THE SAME**
[54] **PLASTIFIANTS FABRIQUES A PARTIR D'UNE HUILE EXTRAITE DE MICROORGANISMES ET COMPOSITIONS POLYMERES POLAIRES LES COMPRENANT**
[72] MAURER, BRIAN R., US
[72] EATON, ROBERT F., US
[72] ZINKWEG, DIRK B., US
[72] HAN, SUH JOON, US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **NOVEL AZO COMPOUND, AQUEOUS SOLUTION, INK COMPOSITION, INK FOR INKJET RECORDING, INKJET RECORDING METHOD, INK CARTRIDGE FOR INKJET RECORDING, AND INKJET RECORD**
[54] **NOUVEAU COMPOSE AZOIQUE, SOLUTION AQUEUSE, COMPOSE D'ENCRE, ENCRE POUR ENREGISTREMENT A JET D'ENCRE, PROCEDE D'ENREGISTREMENT A JET D'ENCRE, CARTOUCHE D'ENCRE POUR ENREGISTREMENT A JET D'ENCRE ET ENREGISTREMENT A JET D'ENCRE**
[72] TATEISHI, KEIICHI, GB
[72] FUJIE, YOSHIHIKO, GB
[72] TANAKA, SHIGEAKI, JP
[73] FUJIFILM CORPORATION, JP
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[54] **SIGNALING METHOD, BASE STATION APPARATUS, MOBILE TERMINAL APPARATUS AND RADIO COMMUNICATION SYSTEM**
[54] **PROCEDE DE SIGNALISATION, STATION BASE, TERMINAL MOBILE ET SYSTEME DE COMMUNICATION SANS FIL**
[72] ABE, TETSUSHI, JP
[72] MIKI, NOBUHIKO, JP
[72] OHWATARI, YUSUKE, JP
[73] NTT DOCOMO, INC., JP
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[72] POWERS, COLIN, US
[73] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
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[54] **DIGITAL CONSUMER DATA MODEL AND CUSTOMER ANALYTIC RECORD**
[54] **MODELE DE DONNEES DE CONSOMMATEUR NUMERIQUE ET DOSSIER D'ANALYSE DES CLIENTS**
[72] BOHE, ASTRID, DE
[72] CERVINI, GIANLUCA, IT
[72] ZOBI, GIANLUCA, IT
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2808096)
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[54] **METHOD AND APPARATUS FOR MEASURING FLUID PROCESS VARIABLE IN A WELL**
[54] **PROCEDE ET DISPOSITIF DE MESURE D'UNE VARIABLE DE TRAITEMENT DE FLUIDE DANS UN PUITS**
[72] HEDTKE, ROBERT C., US
[72] LU, LIANGIU, US
[73] ROSEMOUNT INC., US
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[54] **FLUID CONTAINMENT APPARATUS**
[54] **APPAREIL DE RETENTION DE FLUIDE**
[72] BEAK, TODD, US
[72] JOHNSON, KURT, US
[72] DOOLIN, DAVID, US
[72] GUFFEE, RUSSELL J., US
[73] BASIC CONCEPTS, INC., US
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[25] EN
[54] **MOUNTING ARRANGEMENT FOR PANEL VENEER STRUCTURES**
[54] **SYSTEME DE MONTAGE POUR STRUCTURES EN PLACAGE**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2809080)
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[54] **PROCEDE ET SYSTEME DE COMMUNICATION POUR SERVICES D'UTILITE PUBLIQUE**
[72] BENNINGER, HANS, CH
[72] CACHIN, DOMINIQUE, CH
[72] COMINO, ROMEO, CH
[73] ABB TECHNOLOGY AG, CH
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[30] EP (10177513.8) 2010-09-19

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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/16 (2006.01) E21B 34/00 (2006.01)**
[25] EN
[54] **REMOTELY OPERATED ISOLATION VALVE**
[54] **VANNE D'ISOLEMENT TELECOMMANDEE**
[72] NOSKE, JOE, US
[72] SMITH, RODDIE R., GB
[72] SMITH, PAUL L., US
[72] BAILEY, THOMAS F., US
[72] MCDOWELL, CHRISTOPHER L., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2013-03-11
[86] 2011-09-20 (PCT/US2011/052407)
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[30] US (61/384,591) 2010-09-20
[30] US (61/492,012) 2011-06-01

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[51] **Int.Cl. B61H 1/00 (2006.01) B61H 13/20 (2006.01)**
[25] EN
[54] **RAILWAY TRUCK MOUNTED BRAKE RIGGING HAVING RAISED CONNECTION OF FORCE-TRANSMITTING MEMBER WITH TRANSFER LEVER**
[54] **TIMONERIE DE FREIN MONTEE SUR UN VEHICULE FERROVIAIRE COMPORTANT UNE LIAISON SURELEVEE D'UN ELEMENT TRANSMETTEUR DE FORCE AVEC UN LEVIER DE TRANSFERT**
[72] MARLOW, JONATHON, US
[72] GREGAR, PETER, US
[73] WABTEC HOLDING CORP., US
[85] 2013-03-12
[86] 2011-09-27 (PCT/US2011/053435)
[87] (WO2012/050825)
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[51] **Int.Cl. H04W 60/00 (2009.01) H04W 64/00 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS TO PROVIDE TIME ZONE INFORMATION TO A MOBILE STATION**
[54] **PROCEDES ET APPAREIL POUR FOURNIR DES INFORMATIONS DE FUSEAU HORAIRE A UNE STATION MOBILE**
[72] WIJAYANATHAN, MAIYURAN, CA
[72] NAQVI, NOUSHAD, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-03-13
[86] 2011-09-15 (PCT/CA2011/050564)
[87] (WO2012/034234)
[30] US (12/883,009) 2010-09-15

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[51] **Int.Cl. F03G 6/06 (2006.01) F01K 11/02 (2006.01)**
[25] EN
[54] **SOLAR ENERGY GENERATION METHOD AND SYSTEM USING BIOMASS BOILER AS AUXILIARY HEAT SOURCE**
[54] **PROCEDE ET SYSTEME DE PRODUCTION D'ENERGIE SOLAIRE UTILISANT UNE CHAUDIERE A BIOMASSE COMME SOURCE DE CHALEUR AUXILIAIRE**
[72] YANG, QINGPING, CN
[72] ZHANG, YANFENG, CN
[72] LI, HONG, CN
[73] WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD., CN
[85] 2013-03-28
[86] 2011-08-11 (PCT/CN2011/078241)
[87] (WO2012/041125)
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[13] C
[51] **Int.Cl. F03D 7/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR OPERATING A WIND TURBINE IN NOISE REDUCED OPERATION MODES**
[54] **PROCEDES ET SYSTEMES PERMETTANT DE FAIRE FONCTIONNER UNE EOLIENNE EN MODES A BRUIT REDUIT**
[72] SCHOLTE-WASSINK, HARTMUT, DE
[72] HONHOFF, SASKIA, DE
[72] PETITJEAN, BENOIT, DE
[73] GENERAL ELECTRIC COMPANY, US
[86] (2813234)
[87] (2813234)
[22] 2013-04-18
[30] US (13/454,731) 2012-04-24

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[51] **Int.Cl. B65D 75/36 (2006.01)**
[25] EN
[54] **MULTI-COMPARTMENT PACKAGE FOR CONSUMABLE PRODUCTS, AND METHOD FOR CONFIGURING AND USING SUCH A PACKAGE**
[54] **EMBALLAGE MULTI-COMPARTIMENT POUR PRODUITS CONSOMMABLES, ET PROCEDE DE CONFIGURATION ET D'UTILISATION D'UN TEL EMBALLAGE**
[72] SAFARIK, KRISTY, US
[73] WM. WRIGLEY JR. COMPANY, US
[85] 2013-04-23
[86] 2011-11-11 (PCT/US2011/060327)
[87] (WO2012/065040)
[30] US (61/413,123) 2010-11-12

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[51] **Int.Cl. H04L 25/00 (2006.01) G01V 3/12 (2006.01) G06K 7/10 (2006.01) H04L 7/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DETECTING RFID SIGNALS**
[54] **APPAREIL ET PROCEDE DE DETECTION DE SIGNAUX RFID**
[72] REZAYEE, AFSHIN, CA
[72] YANG, YUE, CA
[73] SQUARE, INC., US
[85] 2013-05-02
[86] 2011-10-26 (PCT/CA2011/001185)
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[13] C
[51] **Int.Cl. E21B 17/02 (2006.01)**
[25] EN
[54] **A DOWNHOLE TOOL COUPLING AND METHOD OF ITS USE**
[54] **ACCOUPLEMENT D'OUTILS DE FOND DE TROU ET SA METHODE D'UTILISATION**
[72] PIKE, JAMES ARTHUR, GB
[73] REEVES WIRELINE TECHNOLOGIES LIMITED, GB
[86] (2817304)
[87] (2817304)
[22] 2013-05-29
[30] GB (1209805.9) 2012-06-01

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[25] EN
[54] **STOWABLE PASSENGER SEAT TRAY TABLE**
[54] **TABLETTE DE SIEGE DE PASSAGER ESCAMOTABLE**
[72] MOULTON, KRISTOPHER C., US
[72] CURLEY, NATHANAEL M., US
[72] SMITH, MICHAEL H., US
[73] BE AEROSPACE INC., US
[85] 2013-05-14
[86] 2011-11-18 (PCT/US2011/061366)
[87] (WO2012/074787)
[30] US (12/956,672) 2010-11-30

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[51] **Int.Cl. D03D 1/00 (2006.01) A41D 7/00 (2006.01) D03D 11/00 (2006.01) D03D 15/08 (2006.01)**
[25] EN
[54] **CLOTH FOR SWIMSUITS, AND SWIMSUIT**
[54] **TISSU TISSE POUR COSTUMES DE BAIN, ET COSTUME DE BAIN**
[72] NIWA, UJITERU, JP
[72] KASAHARA, KEIKO, JP
[72] WATANABE, AKIRA, JP
[72] DATE, HIROAKI, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2013-05-16
[86] 2011-11-07 (PCT/JP2011/075535)
[87] (WO2012/073648)
[30] JP (2010-268016) 2010-12-01

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[51] **Int.Cl. A46B 5/02 (2006.01)**
[25] EN
[54] **TOOTHBRUSH HAVING A GRIPPING REGION**
[54] **BROSSE A DENTS DOTEE D'UNE REGION DE PRISE**
[72] MOHR, JUERGEN, DE
[72] VITT, MARTIN, DE
[72] MAROTTI, MARTIN JAY, US
[72] MONROE, DANIEL JAY, US
[72] STOERKEL, JENS, DE
[73] BRAUN GMBH, DE
[85] 2013-05-16
[86] 2011-11-21 (PCT/US2011/061641)
[87] (WO2012/071322)
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[51] **Int.Cl. B62D 55/253 (2006.01)**
[25] EN
[54] **RUBBER TRACK**
[54] **CHENILLE EN CAOUTCHOUC**
[72] NOMIZO, JUICHI, JP
[73] BRIDGESTONE CORPORATION, JP
[85] 2013-05-22
[86] 2011-11-24 (PCT/JP2011/077024)
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[51] **Int.Cl. E21B 19/07 (2006.01) E21B 19/10 (2006.01) E21B 19/16 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **ELECTRONIC CONTROL SYSTEM FOR A TUBULAR HANDLING TOOL**
[54] **SYSTEME DE COMMANDE ELECTRONIQUE POUR UN OUTIL DE MANIPULATION DE TUBULURE**
[72] WIEDECKE, MICHAEL, DE
[72] THIEMANN, BJOERN, DE
[72] HEIDECKE, KARSTEN, US
[72] LIESS, MARTIN, DE
[72] HELMS, MARTIN, DE
[72] HOOKER, JOHN D., II, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2013-05-27
[86] 2011-12-15 (PCT/US2011/065218)
[87] (WO2012/083050)
[30] US (61/424,575) 2010-12-17
[30] US (61/516,609) 2011-04-05

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[51] **Int.Cl. A61B 5/0452 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **DETECTING OR VALIDATING A DETECTION OF A STATE CHANGE FROM A TEMPLATE OF HEART RATE DERIVATIVE SHAPE OR HEART BEAT WAVE COMPLEX**
[54] **DETECTION OU VALIDATION D'UNE DETECTION D'UN CHANGEMENT D'ETAT A PARTIR D'UN MODELE DE FORME DE DERIVEE DE FREQUENCE CARDIAQUE OU DE COMPLEXE D'ONDE DE BATTEMENT CARDIAQUE**
[72] OSORIO, IVAN, US
[72] FREI, MARK G., US
[73] FLINT HILLS SCIENTIFIC, LLC, US
[85] 2013-05-29
[86] 2011-09-15 (PCT/US2011/051776)
[87] (WO2012/037359)
[30] US (12/884,051) 2010-09-16
[30] US (12/886,419) 2010-09-20

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[13] C
[51] **Int.Cl. H04W 8/20 (2009.01) G06F 21/00 (2013.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD FOR DOWNLOADING A SUBSCRIPTION IN AN UICC EMBEDDED IN A TERMINAL**
[54] **PROCEDE POUR TELECHARGER UN ABONNEMENT DANS UN UICC INCORPORE DANS UN TERMINAL**
[72] BRADLEY, PAUL, US
[73] GEMALTO SA, FR
[85] 2013-06-03
[86] 2011-12-02 (PCT/EP2011/071674)
[87] (WO2012/076424)
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[25] EN
[54] **DISPLAYING CONTENT ITEMS IN A GRAPHICAL USER INTERFACE**
[54] **AFFICHAGE D'ELEMENTS DE CONTENUS DANS UNE INTERFACE UTILISATEUR GRAPHIQUE**
[72] GARDENFORS, DAN ZACHARIAS, SE
[73] BLACKBERRY LIMITED, CA
[86] (2820280)
[87] (2820280)
[22] 2013-07-04
[30] EP (12175430.3) 2012-07-06

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[25] EN
[54] **SUB-TOTIPOTENT STEM CELL PRODUCT AND EPIGENETIC MODIFICATION LABEL THEREOF**
[54] **PRODUIT SOUCHE CELLULAIRE SUB-TOTIPOTENTE ET SON LABEL MODIFICATEUR HEREDITAIRE APPARENT**
[72] ZHAO, CHUNHUA, CN
[72] LI, JING, CN
[72] LI, HONGLING, CN
[72] CHEN, JIANHE, CN
[72] HAN, QIN, CN
[72] LI, KANGHUA, CN
[72] WANG, JING, CN
[73] NEWISH TECHNOLOGY (BEIJING) CO., LTD., CN
[85] 2013-06-06
[86] 2011-12-02 (PCT/CN2011/083380)
[87] (WO2012/075912)
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[51] **Int.Cl. A61B 17/64 (2006.01) A61B 17/66 (2006.01)**
[25] EN
[54] **ADJUSTMENT TOOL FOR EXTERNAL FIXATOR**
[54] **OUTIL D'AJUSTEMENT POUR FIXATEUR EXTERNE**
[72] VERMA, UMESH, IN
[72] MATHUR, USHA, IN
[72] DORAWA, KLAUS, DE
[73] STRYKER EUROPEAN HOLDINGS I, LLC, US
[85] 2013-06-07
[86] 2011-12-09 (PCT/EP2011/072348)
[87] (WO2012/076695)
[30] EP (10194328.0) 2010-12-09

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[51] **Int.Cl. H04N 7/15 (2006.01)**
[25] EN
[54] **TRANSMISSION MANAGEMENT APPARATUS**
[54] **APPAREIL DE GESTION DE TRANSMISSION**
[72] KATO, YOSHINAGA, JP
[72] OKUYAMA, TARO, JP
[73] RICOH COMPANY, LIMITED, JP
[85] 2013-06-07
[86] 2012-02-22 (PCT/JP2012/055011)
[87] (WO2012/118105)
[30] JP (2011-042365) 2011-02-28
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[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0488 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **SELECTIVE INBOX ACCESS IN HOMESCREEN MODE ON A MOBILE ELECTRONIC DEVICE**
[54] **ACCES DE BOITE DE RECEPTION SELECTIF EN MODE D'ECRAN D'ACCUEIL SUR UN APPAREIL ELECTRONIQUE MOBILE**
[72] BUKURAK, DAVID, CA
[72] SANCHEZ, THOMAS C., US
[72] LAZARIDIS, MIHAL, CA
[72] LINDSAY, DONALD J., CA
[72] WOOD, TODD A., CA
[72] GRIFFIN, JASON T., CA
[72] HAMILTON, ALISTAIR R., CA
[72] PAYNE, ROBERT D., CA
[72] BOCKING, ANDREW D., CA
[72] RYDENHAG, DANIEL T., SE
[72] BENEDEK, JOSEPH E., CA
[72] DODGE, DANNY T., CA
[73] BLACKBERRY LIMITED, CA
[73] 2236008 ONTARIO INC., CA
[86] (2820971)
[87] (2820971)
[22] 2013-07-16
[30] US (61/678,391) 2012-08-01
[30] US (13/706,871) 2012-12-06

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[51] **Int.Cl. C08L 23/12 (2006.01) C08J 3/22 (2006.01) C08K 3/22 (2006.01) C08K 3/26 (2006.01) C08K 5/098 (2006.01) C08K 5/13 (2006.01) C08L 23/06 (2006.01)**
[25] EN
[54] **OXO-BIODEGRADABLE ADDITIVES FOR USE IN FOSSIL FUEL POLYMER FILMS AND ONCE-USED PACKAGING**
[54] **ADDITIFS OXO-BIODEGRADABLES DESTINES A ETRE UTILISES DANS DES FILMS POLYMERES COMBUSTIBLES FOSSILES ET UN EMBALLAGE A USAGE UNIQUE**
[72] RAHMAN, AMAN UR, AE
[73] ENERPLASTICS LLC, AE
[85] 2013-06-12
[86] 2011-12-20 (PCT/CA2011/001385)
[87] (WO2012/088585)
[30] CA (2726602) 2010-12-30

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[13] C
[51] **Int.Cl. C12N 1/14 (2006.01) C12P 21/04 (2006.01)**
[25] EN
[54] **HIGH-YIELD PEPTIDE ANTIBIOTICS PRODUCING STRAIN, PREPARATION METHOD AND USE THEREOF**
[54] **SOUCHE SURPRODUISANT UN ANTIBIOTIQUE PEPTIDIQUE, METHODE POUR SA PREPARATION ET SON UTILISATION**
[72] CHEN, YI, CN
[72] LIU, SHIDONG, CN
[72] ZHANG, ZHAOLI, CN
[72] WANG, CHUNXIA, CN
[72] KANG, JING, CN
[72] JI, XIAOMING, CN
[73] SHANGHAI TECHWELL BIOPHARMACEUTICAL CO., LTD., CN
[85] 2013-06-14
[86] 2011-12-15 (PCT/CN2011/084043)
[87] (WO2012/079521)
[30] CN (201010587865.4) 2010-12-15

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[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/02 (2009.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **PROVIDING RELEVANT NOTIFICATIONS FOR A USER BASED ON LOCATION AND SOCIAL INFORMATION**
[54] **FOURNITURE DE NOTIFICATIONS PERTINENTES A UN UTILISATEUR SUR LA BASE D'INFORMATIONS DE LOCALISATION ET D'INFORMATIONS SOCIALES**
[72] TSENG, ERICK, US
[72] BRAGINSKY, DAVID EDWARD, US
[73] FACEBOOK, INC., US
[85] 2013-06-17
[86] 2011-11-18 (PCT/US2011/061544)
[87] (WO2012/087472)
[30] US (12/977,027) 2010-12-22

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[13] C
[51] **Int.Cl. G09F 9/30 (2006.01) G09F 7/18 (2006.01)**
[25] EN
[54] **DYNAMIC MESSAGING SIGN**
[54] **PANNEAU D'AFFICHAGE DYNAMIQUE**
[72] SAFAVI, RAMIN, CA
[72] POON, RAYMOND SIU MING, CA
[72] VOLONCHINE, VLADIMIR A., CA
[72] WONG, COEMAN LAM SANG, CA
[73] LUMINATOR HOLDING, L.P., US
[86] (2822135)
[87] (2822135)
[22] 2003-07-16
[62] 2,759,092
[30] US (60/437,029) 2002-12-31

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[25] EN
[54] **COMMUNICATION APPARATUS AND METHODS FOR PERFORMING RECEIVING PROCESSING OF DATA TRANSMITTED AT PREDETERMINED INTERVALS**
[54] **APPAREIL DE COMMUNICATION ET PROCEDES POUR EFFECTUER LE TRAITEMENT DE RECEPTION DES DONNEES TRANSMISES A INTERVALLES PREDETERMINES**
[72] OBUCHI, KAZUHISA, JP
[72] KAWASAKI, YOSHIHIRO, JP
[72] TAJIMA, YOSHIHARU, JP
[72] OHTA, YOSHIAKI, JP
[72] TANAKA, YOSHINORI, JP
[72] SUGIYAMA, KATSUMASA, JP
[73] FUJITSU LIMITED, JP
[86] (2822190)
[87] (2822190)
[22] 2008-07-30
[62] 2,638,391
[30] JP (2007-208765) 2007-08-10

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[51] **Int.Cl. F21K 9/61 (2016.01) F21V 29/80 (2015.01) F21K 9/238 (2016.01) F21K 9/278 (2016.01) F21K 9/64 (2016.01) F21V 5/00 (2015.01)**
[25] EN
[54] **LIGHT ASSEMBLY HAVING LIGHT SOURCES AND ADJACENT LIGHT TUBES**
[54] **ENSEMBLE LAMPE DOTE DE SOURCES LUMINEUSES ET DE TUBES DE LAMPE ADJACENTS**
[72] DASSANAYAKE, MAHENDRA, US
[72] FEDELE, GENNARO, US
[72] KARCHON, JAMES A., US
[72] HIRANTHINI, ALLES, US
[73] ELUMIGEN LLC, US
[85] 2013-06-20
[86] 2011-12-22 (PCT/US2011/066914)
[87] (WO2012/092140)
[30] US (61/428,366) 2010-12-30
[30] US (13/334,695) 2011-12-22

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[13] C
[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **MULTI-COMMERCE CHANNEL WALLET FOR AUTHENTICATED TRANSACTIONS**
[54] **PORTEFEUILLE UTILISANT DES CANAUX DE COMMERCE MULTIPLES POUR EFFECTUER DES TRANSACTIONS AUTHENTIFIEES**
[72] WONG, SHOON PING, US
[72] MOY, KENNETH CHUNG LEM, US
[72] MARTIG, CELINE, SG
[72] FOUREZ, PABLO, BE
[72] MUSHING, ALAN, GB
[72] LUNDEQUIST, FREDRIK, BE
[72] AMEISS, MICHAEL, US
[72] SHAON, MICHAEL, US
[73] MASTERCARD INTERNATIONAL, INC., US
[85] 2013-07-03
[86] 2011-08-12 (PCT/US2011/047678)
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[30] US (61/372,955) 2010-08-12
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[51] **Int.Cl. H05K 1/18 (2006.01) H05K 3/30 (2006.01)**
[25] EN
[54] **Z-DIRECTED CAPACITOR COMPONENTS FOR PRINTED CIRCUIT BOARDS**
[54] **COMPOSANTS CAPACITIFS ORIENTES DANS LE SENS Z POUR CARTES DE CIRCUIT IMPRIME**
[72] HARDIN, KEITH BRYAN, US
[72] FESSLER, JOHN THOMAS, US
[72] HALL, PAUL KEVIN, US
[72] OGLESBEE, ROBERT AARON, US
[73] LEXMARK INTERNATIONAL, INC., US
[85] 2013-07-03
[86] 2011-01-21 (PCT/US2011/022012)
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[51] **Int.Cl. H04W 4/00 (2009.01) H04W 88/02 (2009.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **TARGETED CONTENT STREAMING BANNERS**
[54] **BANNIERES DE TRANSMISSION EN CONTINU DE CONTENU CIBLE**
[72] RADAR, OLIVIER JACQUES ALEXANDRE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2823799)
[87] (2823799)
[22] 2013-08-12
[30] EP (12180346.4) 2012-08-13

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[13] C
[51] **Int.Cl. A61L 9/01 (2006.01) A61L 9/014 (2006.01) A61L 15/46 (2006.01) C11D 3/00 (2006.01) C11D 3/50 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING METALLATED MALODOR CONTROL POLYMERS**
[54] **COMPOSITIONS COMPRENANT DES POLYMERES AGISSANT CONTRE LES MAUVAISES ODEURS METALLISES**
[72] WOO, RICKY AH-MAN, US
[72] EYLEM, CAHIT, US
[72] AZIRBAYEVA, LARISSA, US
[72] LIU, ZAIYOU, US
[72] NAIR, RADHAKRISHNAN JANARDANAN, JP
[72] JOHNSTONE, KEVIN ROBERT, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-07-15
[86] 2012-01-11 (PCT/US2012/020884)
[87] (WO2012/097033)
[30] US (13/006,644) 2011-01-14

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[13] C
[51] **Int.Cl. G01J 3/44 (2006.01)**
[25] EN
[54] **SUPERIOR ANALYZER FOR RAMAN SPECTRA WITH HIGH ACCEPTANCE CONE, RESOLUTION, TRANSMISSION, AND QUANTUM EFFICIENCY, AND STRONG BACKGROUND REDUCTION**
[54] **ANALYSEUR SUPERIEUR POUR SPECTRES RAMAN A RENDEMENT QUANTIQUE ELEVE, RENDEMENT DE TRANSMISSION ELEVE, RENDEMENT DE RESOLUTION ELEVE ET CONE D'ADMISSION A RENDEMENT ELEVE, ET REDUCTION PUISSANTE D'ARRIERE-PLAN**
[72] FINK, MANFRED, US
[72] VARGHESE, PHILIP, US
[72] BORYSOW, JACEK, US
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[73] MICHIGAN TECHNOLOGICAL UNIVERSITY, US
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[87] (WO2011/094513)
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[54] **DOWNLINK MULTI-USER INTERFERENCE ALIGNMENT SCHEME**
[54] **SYSTEME D'ALIGNEMENT D'INTERFERENCES MULTI-UTILISATEURS EN LIAISON DESCENDANTE**
[72] BAYESTEH, ALIREZA, CA
[72] MOBASHER, AMIN, CA
[72] JIA, YONGKANG, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-07-30
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[51] **Int.Cl. H04W 36/00 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AVOIDING IN-DEVICE COEXISTENCE INTERFERENCE WITH KEEPING TIME UPDATE FOR HANDOVER**
[54] **PROCEDE ET DISPOSITIF POUR EVITER DES INTERFERENCES DE COEXISTENCE A L'INTERIEUR D'UN APPAREIL PAR ACTUALISATION D'UN TEMPS DE GARDE POUR LE TRANSFERT**
[72] KOO, CHANGHOI, US
[72] LI, JUN, US
[72] CAI, ZHIJUN, US
[73] BLACKBERRY LIMITED, CA
[85] 2013-08-01
[86] 2012-02-17 (PCT/US2012/025595)
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[51] **Int.Cl. F03D 1/06 (2006.01) F16B 11/00 (2006.01)**
[25] EN
[54] **ATTACHMENT SYSTEM FOR A WIND TURBINE ROTOR BLADE ACCESSORY**
[54] **MECANISME DE FIXATION POUR UN ACCESSOIRE DE LAME DE ROTOR D'EOLIENNE**
[72] JACOBSEN, ERIC MORGAN, US
[72] BUSBEY, BRUCE CLARK, US
[72] ZHU, QI, US
[72] RIDDELL, SCOTT GABELL, US
[72] ESSER, JUERGEN, US
[72] BAKHUIS, JAN WILLEM, US
[72] NAGABHUSHANA, PRADEEPA, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2826409)
[87] (2826409)
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[30] US (13/609,719) 2012-09-11

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[51] **Int.Cl. E21B 43/241 (2006.01) E21B 43/22 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **IMPROVING RECOVERY FROM A HYDROCARBON RESERVOIR**
[54] **AMELIORATION DE LA RECUPERATION D'UN RESERVOIR D'HYDROCARBURES**
[72] KHALEDI, RAHMAN, CA
[72] BOONE, THOMAS J., CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2826494)
[87] (2826494)
[22] 2013-09-09

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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 19/16 (2006.01) E21B 34/16 (2006.01)**
[25] EN
[54] **REMOTE SUBTERRANEAN TOOL ACTIVATION SYSTEM**
[54] **SYSTEME D'ACTIVATION D'OUTIL SOUTERRAIN A DISTANCE**
[72] TAIT, ALASDAIR R., GB
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-08-08
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[51] **Int.Cl. G06F 3/048 (2013.01)**
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[54] **METHODS AND APPARATUS FOR PROVIDING UPDATED CONTENT IN A USER INTERFACE**
[54] **PROCEDES ET APPAREIL PERMETTANT DE FOURNIR UN CONTENU MIS A JOUR DANS UNE INTERFACE UTILISATEUR**
[72] ABELLERA, SUZANNE, US
[72] CHEN, LI, US
[72] AGGARWAL, ANKUR, US
[72] CHIRIYANKANDATH, CIPSON JOSE, US
[73] BLACKBERRY LIMITED, CA
[85] 2013-08-15
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[54] **BRUSH HOLDER ASSEMBLY WITH QUICK DISCONNECT TERMINAL**
[54] **BLOC PORTE-BALAIS MUNI D'UNE BORNE A DECONNEXION RAPIDE**
[72] CUTSFORTH, ROBERT S., US
[73] CUTSFORTH PRODUCTS, INC., US
[85] 2013-08-21
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[25] EN
[54] **HANDHELD BLOWER**
[54] **SOUFFLEUR A MAIN**
[72] YAMAOKA, TOSHINARI, CN
[72] GUO, JIANPENG, CN
[72] NIE, FANGJIE, CN
[72] SHAO, XIANDIAN, CN
[73] CHERVON (HK) LIMITED, HK
[86] (2828567)
[87] (2828567)
[22] 2013-09-26
[30] CN (201310054133.2) 2013-02-20
[30] CN (201310108083 5.2) 2013-03-29
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[30] US (14/034,104) 2013-09-23

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[54] **HANDHELD BLOWER**
[54] **SOUFFLEUR A MAIN**
[72] YAMAOKA, TOSHINARI, CN
[72] SHAO, XIANDIAN, CN
[72] NIE, FANGJIE, CN
[72] GUO, JIANPENG, CN
[73] CHERVON (HK) LIMITED, HK
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[87] (2828569)
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[30] CN (201310110462.4) 2013-03-29
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[51] **Int.Cl. H01M 10/44 (2006.01) H01M 10/613 (2014.01) H01M 10/633 (2014.01) H02J 7/00 (2006.01)**
[25] EN
[54] **BATTERY PACK COOLING AND CHARGING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE CHARGEMENT ET DE REFROIDISSEMENT DE BLOC-BATTERIE**
[72] CHEN, MING, CN
[72] LIN, XIAOHONG, CN
[72] DUAN, JUNYA, CN
[73] CHERVON (HK) LIMITED, HK
[86] (2828575)
[87] (2828575)
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[25] EN
[54] **AUTOROTATING RETRACTION STRUCTURE OF NEEDLE SEAT COMPONENTS OF SAFE SYRINGE**
[54] **STRUCTURE DE RETRACTION PAR AUTOROTATION DE COMPOSANTS DE SIEGE D'AIGUILLE D'UNE SERINGUE DE SECURITE**
[72] CHANG, SHU-MING, CN
[73] CHANG, SHU-MING, CN
[85] 2013-08-30
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[87] (WO2012/116596)
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[13] C
[51] **Int.Cl. E21B 43/38 (2006.01) B01D 45/02 (2006.01)**
[25] EN
[54] **A DOWNHOLE CROWN-SHAPED SEPARATING DEVICE FOR SEPARATING OIL AND WATER**
[54] **DISPOSITIF DE SEPARATION EN FORME DE COURONNE POUR SEPARER LE PETROLE ET L'EAU DANS UN PUITS**
[72] WANG, YAN, CN
[72] WANG, DEMIN, CN
[72] ZHU, RONGJIE, CN
[72] REN, LONG, CN
[72] ZHONG, RONG, CN
[72] WANG, HONGYAN, CN
[73] PETROCHINA COMPANY LIMITED, CN
[73] DAQING OILFIELD CO., LTD., CN
[85] 2013-09-04
[86] 2011-09-28 (PCT/CN2011/001640)
[87] (WO2012/119283)
[30] CN (201120060174.9) 2011-03-09
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[54] **POLYMETHYLMETHACRYLATE BONE CEMENT**
[54] **CIMENT POUR LES OS A BASE DE POLYMETHYLMETHACRYLATE**
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
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[87] (2830560)
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[51] **Int.Cl. G06F 21/00 (2013.01) H04W 12/00 (2009.01) G06F 7/00 (2006.01) H04L 9/28 (2006.01)**
[25] EN
[54] **EFFICIENT IMPLEMENTATION OF HASH ALGORITHM ON A PROCESSOR**
[54] **MODE DE REALISATION EFFICACE D'UN ALGORITHME DE HACHAGE SUR UN PROCESSEUR**
[72] EBEID, NEVINE MAURICE NASSIF, CA
[72] LAMBERT, ROBERT JOHN, CA
[73] CERTICOM CORP., CA
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[54] **DUAL DOOR FAN AIR MODULATING VALVE**
[54] **SOUPAPE DE MODULATION D'AIR DE VENTILATEUR A DOUBLE PORTE**
[72] LANDRE, ERIC, US
[72] FOUTCH, DAVID W., US
[73] THE BOEING COMPANY, US
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[87] (2831524)
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[54] **EXPANDABLE LINER FOR THE PROTECTION AND STRENGTHENING OF EXISTING PIPES**
[54] **REVETEMENT EXTENSIBLE POUR LA PROTECTION ET LE RENFORCEMENT DE TUYAUX EXISTANTS**
[72] FYFE, EDWARD, US
[73] FYFE CO., LLC, US
[85] 2013-10-11
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[54] **LOW FLOW SHOWERHEAD AND METHOD OF MAKING SAME**
[54] **POMME DE DOUCHE A FAIBLE DEBIT ET PROCEDE DE REALISATION**
[72] LEBER, LELAND C., US
[73] WATER PIK, INC., US
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[87] (2833476)
[22] 2008-05-02
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[54] **USE OF DPP IV INHIBITORS**
[54] **UTILISATIONS D'INHIBITEURS DE L'ENZYME DPP IV**
[72] DUGI, KLAUS, DE
[72] HIMMELSBACH, FRANK, DE
[72] MARK, MICHAEL, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[22] 2007-05-03
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[54] **ENERGY DISSIPATION DEVICE FOR CONTROLLING FLOW OF A FUEL CELL FLUID**
[54] **DISPOSITIF DE DISSIPATION D'ENERGIE POUR LA REGULATION DU DEBIT D'UN FLUIDE DE PILE A COMBUSTIBLE**
[72] LAKE, JEFFREY G., US
[72] GUO, YU, CN
[72] DENG, XIANGYANG, CN
[72] SHI, YING, CN
[72] YU, LEI, CN
[72] HIRKO, GEORGE S., US
[72] ZHANG, VICKY, CN
[72] GUTHRIE, ROBIN J., US
[72] BHADANGE, SUSHANT S., US
[72] MELOUGH, ANDREW JOSEPH, US
[73] DOOSAN FUEL CELL AMERICA, INC., US
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[25] EN
[54] **A COMPOSITE INSULATING PANEL**
[54] **UN PANNEAU ISOLANT COMPOSITE**
[72] CAROLAN, JAMES, IE
[72] FLYNN, GREGORY, IE
[73] KINGSPAN HOLDINGS (IRL) LIMITED, IE
[86] (2834039)
[87] (2834039)
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[30] IE (2012/0521) 2012-12-03

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[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] EN
[54] **SYSTEM AND PROCESS FOR SURGICAL TREATMENT OF AN EYE AS WELL AS PROCESS FOR CALIBRATING A SYSTEM OF SUCH A TYPE**
[54] **SYSTEME ET PROCEDE POUR LE TRAITEMENT CHIRURGICAL D'UN □IL AINSI QUE PROCEDE POUR L'ETALONNAGE D'UN TEL SYSTEME**
[72] WELLHOEFER, ARMIN, DE
[72] DONITZKY, CHRISTOF, DE
[73] WAVELIGHT GMBH, DE
[85] 2013-10-23
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[51] **Int.Cl. B23K 9/32 (2006.01) G01C 11/28 (2006.01)**
[25] EN
[54] **WORKPIECE-BASED SETTING OF WELD PARAMETERS**
[54] **REGLAGE DES PARAMETRES DE SOUDAGE BASE SUR LA PIECE**
[72] STEIN, ALAN EDWARD, US
[72] FERKEL, STEPHEN PAUL, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2013-10-29
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[87] (WO2013/003171)
[30] US (61/501,651) 2011-06-27
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[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 50/18 (2012.01)**
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[54] **SYSTEMS AND METHODS FOR CREATING AND USING A RESEARCH MAP**
[54] **SYSTEME ET PROCEDE POUR CREER ET UTILISER UNE CARTE DE RECHERCHE**
[72] SHARMA, SANJAY, US
[72] DALESSIO, JOHN ALEXANDER, US
[72] MULDER, JEREMY JACOB, US
[72] MEHRA, GAURAV, US
[72] MILLER, MOLLY, US
[72] PENDYALA, MAHESH, US
[72] FRASCONE, TODD JOSEPH, US
[72] RITTER, DOUGLAS N., US
[72] YIP, GORDON, US
[73] LEXISNEXIS, A DIVISION OF REED ELSEVIER INC., US
[85] 2013-06-25
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[51] **Int.Cl. F24H 3/06 (2006.01) F24D 13/00 (2006.01) F24F 3/14 (2006.01)**
[25] EN
[54] **MICROWAVE REACTIVATION SYSTEM FOR STANDARD AND EXPLOSION-PROOF DEHUMIDIFICATION**
[54] **MECANISME DE REACTIVATION PAR MICRO-ONDES EN VUE DE LA DESHUMIDIFICATION NORMALE ET SANS EXPLOSION**
[72] CAGGIANO, MARIO, CA
[73] 7142871 CANADA INC., CA
[85] 2013-11-08
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[51] **Int.Cl. B61L 27/04 (2006.01) B61L 1/00 (2006.01) B61L 7/00 (2006.01) B61L 23/00 (2006.01)**
[25] EN
[54] **CONTROL OF AUTOMATIC GUIDED VEHICLES WITHOUT WAYSIDE INTERLOCKING**
[54] **COMMANDE DE VEHICULES GUIDES AUTOMATIQUES SANS VERROUILLAGE EN BORDURE DE VOIE**
[72] WHITWAM, FIRTH, CA
[72] KANNER, ABE, CA
[73] THALES CANADA INC., CA
[85] 2013-11-19
[86] 2012-06-12 (PCT/CA2012/000573)
[87] (WO2012/171096)
[30] US (61/496,626) 2011-06-14

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[13] C
[51] **Int.Cl. C10M 133/16 (2006.01) C10M 133/44 (2006.01)**
[25] EN
[54] **ADDITIVE COMPOSITIONS WITH A FRICTION MODIFIER AND A DISPERSANT**
[54] **COMPOSITIONS D'ADDITIF A MODIFICATEUR DE FROTTEMENT ET DISPERSANT**
[72] LOPER, JOHN T., US
[72] STYER, JEREMY P., US
[73] AFTON CHEMICAL CORPORATION, US
[86] (2836682)
[87] (2836682)
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[51] **Int.Cl. H04N 7/18 (2006.01) H04N 5/232 (2006.01)**
[25] EN
[54] **INTEGRATED SYSTEM FOR MEDIA PLAYBACK DURING STARTUP**
[54] **SYSTEME INTEGRE POUR LA LECTURE DE MEDIAS DURANT LE DEMARRAGE**
[72] NEFEDOV, MIKHAIL, CA
[72] BELANGER, ETIENNE, CA
[73] 2236008 ONTARIO INC., CA
[86] (2837398)
[87] (2837398)
[22] 2013-12-18
[30] US (61/739,120) 2012-12-19
[30] US (13/790,500) 2013-03-08
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[25] EN
[54] **METHODS AND APPARATUS TO SAMPLE HEAVY OIL FROM A SUBTERANEAN FORMATION**
[54] **PROCEDES ET APPAREIL POUR PRELEVER LE PETROLE LOURD A PARTIR D'UNE FORMATION SOUTERRAINE**
[72] SONNE, CARSTEN, DK
[72] HEGEMAN, PETER S., US
[72] GOODWIN, ANTHONY R.H., US
[72] VASQUES, RICARDO, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
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[51] **Int.Cl. A61K 38/16 (2006.01) A61K 9/14 (2006.01) A61K 9/52 (2006.01) A61K 35/74 (2015.01) A61P 1/00 (2006.01)**
[25] EN
[54] **FORMULATIONS FOR A TIGHT JUNCTION EFFECTOR**
[54] **PREPARATIONS POUR EFFECTEURS DE JONCTIONS SERREES**
[72] PATERSON, BLAKE, US
[72] GINSKI, MARK J., US
[73] ALBA THERAPEUTICS CORPORATION, US
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[25] EN
[54] **ELECTROMAGNETIC HEAT TREATMENT PROVIDING ENHANCED OIL RECOVERY**
[54] **TRAITEMENT THERMIQUE ELECTROMAGNETIQUE FOURNISSANT UNE RECUPERATION D'HUILE AMELIOREE**
[72] PARSCHE, FRANCIS EUGENE, US
[73] HARRIS CORPORATION, US
[85] 2013-12-04
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[30] US (13/163,225) 2011-06-17

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[51] **Int.Cl. A01K 13/00 (2006.01) A47D 13/04 (2006.01) B62B 7/06 (2006.01)**
[25] EN
[54] **PET STROLLER WITH LATCHABLE CANOPY BAR**
[54] **POUSSETTE POUR ANIMAL DE COMPAGNIE DOTEE D'UNE BARRE DE TOIT VERROUILLABLE**
[72] JAKUBOWSKI, CHRIS, US
[73] VERMONT JUVENILE FURNITURE, MFG., INC. A/K/A/ PET GEAR, INC., US
[86] (2838583)
[87] (2838583)
[22] 2014-01-07
[30] US (61/766,835) 2013-02-20
[30] US (14/023,721) 2013-09-11

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[51] **Int.Cl. H04N 19/593 (2014.01) H04N 19/17 (2014.01) H04N 19/176 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **PARALLELIZATION FRIENDLY MERGE CANDIDATES FOR VIDEO CODING**
[54] **PARALLELISATION CONVIVIALE DE CANDIDATS A LA FUSION POUR CODAGE VIDEO**
[72] ZHENG, YUNFEI, US
[72] WANG, XIANGLIN, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[85] 2013-12-17
[86] 2012-06-19 (PCT/US2012/043155)
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[30] US (61/499,112) 2011-06-20
[30] US (61/543,043) 2011-10-04
[30] US (61/543,059) 2011-10-04
[30] US (61/556,761) 2011-11-07
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[54] **OPHTHALMIC COMPOSITIONS CONTAINING A SYNERGISTIC COMBINATION OF TWO POLYMERS**
[54] **COMPOSITIONS OPHTALMOLOGIQUES CONTENANT UNE ASSOCIATION SYNERGIQUE DE DEUX POLYMERES**
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[73] ALCON, INC., CH
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[54] **SYSTEME ET METHODE DE COMMANDE D'ALTERNATEUR**
[72] BIGGS, DANIEL C., US
[73] CANADUS POWER SYSTEMS, LLC, US
[86] (2840410)
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[54] **GESTION DE SESSION DE NAVIGATION A DISTANCE**
[72] TRAHAN, MATTHEW L., US
[72] JENKINS, JONATHAN A., US
[72] TAYLOR, BRETT R., US
[72] OVERTON, ADAM J., US
[73] AMAZON TECHNOLOGIES, INC., US
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[54] **UNIT DOSE ARTICLE**
[54] **ARTICLE DE TYPE DOSES UNITAIRES**
[72] BRANDT SANZ, MIGUEL, BE
[72] HEALY, YANN, BE
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **APPARATUS AND METHOD FOR FORMING A CARTON**
[54] **APPAREIL ET PROCEDE PERMETTANT DE FORMER UN CARTON**
[72] MAY, KEVIN T., US
[72] ZIEGLER, KELLY, US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[54] **REACTEUR FISCHER-TROPSCH**
[72] BANISTER, JAMES, GB
[73] GAS2 LIMITED, GB
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[54] **CLIP SOUPLE**
[72] LANGER, PAUL J., US
[72] MCGLINCHY, TIMOTHY B., US
[73] GED INTEGRATED SOLUTIONS, INC., US
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[54] **FERME-PORTE**
[72] COPELAND, DAVID JAMES, II, US
[72] WEEPIE, KEITH JAMES, US
[72] TADLOCK, ROBERT L., JR., US
[72] BURRIS, CHARLES E., US
[73] YALE SECURITY INC., US
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[54] **APPARATUS AND METHOD FOR DENSIFYING A FIBROUS MAT**
[54] **APPAREIL ET PROCEDE POUR DENSIFIER UN MAT FIBREUX**
[72] WHITE, JAMES MICHAEL, US
[72] SEALE, ROY DANIEL, US
[72] CLARK, DON ROBERTS, US
[73] SCRIMTEC HOLDINGS, LLC, US
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[54] **USE OF ARSENIC COMPOUNDS FOR TREATMENT OF PAIN AND INFLAMMATION**
[54] **UTILISATION DE COMPOSES A L'ARSENIC POUR LE TRAITEMENT DE LA DOULEUR ET DES INFLAMMATIONS**
[72] HWANG, MICHAEL, US
[72] YANG, YONG-JIN, KR
[73] PANAPHIX INC., US
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[54] **CLASS I AND CLASS II MODULAR WIRING SYSTEM**
[54] **SYSTEME DE CABLAGE MODULAIRE DE CLASSE I ET DE CLASSE II**
[72] WESTWICK, RICHARD L., JR., US
[73] ABL IP HOLDING LLC, US
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[54] **CELLAR OIL RECOVERY TECHNIQUES FOR IN SITU OPERATIONS**
[54] **TECHNIQUES DE RECUPERATION D'HUILE D'AVAL-PENDAGE POUR EXPLOITATION SUR PLACE**
[72] GUERRERO, URIEL, CA
[72] ENGELMAN, JOHN RUSSELL, CA
[73] SUNCOR ENERGY INC., CA
[86] (2846485)
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[54] **ROD COUPLER WITH VARIABLE ANKLE POSITION**
[54] **ACCESSOIRE DE COUPLAGE POUR TIGES A POSITION ANGULAIRE VARIABLE**
[72] DORAWA, KLAUS, DE
[72] CREMER, AXEL, CH
[72] BUSCH, ADAM, CH
[72] MULLER, MANFRED, CH
[73] STRYKER EUROPEAN HOLDINGS I, LLC, US
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[25] EN
[54] **DISPENSING CABINET AND METHOD FOR THE CONTROLLED DISPENSING OF OBJECTS**
[54] **ARMOIRE DISTRIBUTRICE ET PROCEDE DE DISTRIBUTION CONTROLEE D'OBJETS**
[72] STOFFEL, KAI KONSTANTIN, AT
[72] ISSER, ARMIN, AT
[73] STOFFEL, KAI KONSTANTIN, AT
[85] 2014-03-06
[86] 2012-08-28 (PCT/EP2012/003614)
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[54] **APPARATUS FOR TRANSMITTING LOCATION BASED MESSAGES FROM VEHICLES TO STATIONARY INFRASTRUCTURE**
[54] **APPAREIL DE TRANSMISSION DE MESSAGES BASES SUR UN EMPLACEMENT DE VEHICULES A UNE INFRASTRUCTURE IMMOBILE**
[72] KLAR, GEORG, DE
[72] SCHMIDT, CHRISTIAN, DE
[73] HANNING & KAHL GMBH & CO KG, DE
[85] 2014-03-10
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[54] **RAIL VEHICLE SYSTEM**
[54] **RAME FERROVIAIRE**
[72] LUBBEN, EDZARD, DE
[72] OFFER, MARTIN, DE
[72] SCHLAHT, JURGEN, DE
[72] SCHNEIDER, JORG, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **MOBILE ROTARY DRIVE FOR A ROTOR OF A WIND POWER PLANT**
[54] **ENTRAINEMENT ROTATIF MOBILE POUR ROTOR D'EOLIENNE**
[72] GOTTSCHE, CHRISTIAN, DE
[73] SENVION SE, DE
[85] 2014-03-12
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[54] **MAGNETIC PARTICLE SEPARATOR FOR THERMAL SYSTEMS**
[54] **SEPARATEUR DE PARTICULES MAGNETIQUES POUR SYSTEMES THERMIQUES**
[72] CALEFFI, MARCO, IT
[73] CALEFFI S.P.A., IT
[85] 2014-03-18
[86] 2012-02-02 (PCT/EP2012/051785)
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[25] EN
[54] **SYSTEM, INTERFACE DEVICES, USE OF THE INTERFACE DEVICES FOR EYE SURGERY**
[54] **SYSTEME, APPAREILS D'INTERFACE, UTILISATION DE DISPOSITIFS D'INTERFACE POUR LA CHIRURGIE DE L'OEIL**
[72] GORSCHBOTH, CLAUDIA, DE
[72] VOGLER, KLAUS, DE
[72] DONITZKY, CHRISTOF, DE
[73] WAVELIGHT GMBH, DE
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[54] **IN-LINE, HIGH PRESSURE WELL FLUID INJECTION BLENDING**
[54] **MELANGE D'INJECTION DE FLUIDE DE PUITS HAUTE PRESSION EN LIGNE**
[72] COBB, DON B., US
[73] CHEMRIGHT, LLC, US
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[54] **SHAMPOO COMPOSITION CONTAINING A GEL NETWORK**
[54] **COMPOSITION DE SHAMPOING CONTENANT UN RESEAU DE GEL**
[72] HILVERT, JENNIFER ELAINE, US
[72] RILEY, STEPHANIE MARIE HARRIS, US
[72] AISTRUP, ELIZABETH REBECCA, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **ELECTROMECHANICAL HYBRID GAME**
[54] **JEU HYBRIDE ELECTROMECANIQUE**
[72] ARNONE, MILES, US
[72] MEYERHOFER, ERIC, US
[73] GAMBLIT GAMING, LLC, US
[85] 2014-03-27
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[25] EN
[54] **MOBILE MAPPING IN UNDERGROUND OR SHIELDED ENVIRONMENTS**
[54] **CARTOGRAPHIE MOBILE DANS DES ENVIRONNEMENTS SOUTERRAINS OU PROTEGES**
[72] BURRELL, DOUGLAS JAMES ARTHUR, CA
[72] GONDOSCH, ROBERT MICHAEL PHILIP, CA
[73] BLACKBERRY LIMITED, CA
[86] (2851819)
[87] (2851819)
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[54] **BUFFERED ADHESIVE COMPOSITIONS FOR SKIN-ADHERING MEDICAL PRODUCTS**
[54] **COMPOSITIONS ADHESIVES TAMPONNEES POUR PRODUITS MEDICAUX ADHERANT SUR LA PEAU**
[72] TAYLOR, MICHAEL, US
[72] MURAHATA, RICHARD, US
[73] HOLLISTER INCORPORATED, US
[85] 2014-04-10
[86] 2013-02-27 (PCT/US2013/027970)
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[25] EN
[54] **ADAPTIVE CENTER BAND OFFSET FILTER FOR VIDEO CODING**
[54] **FILTRE A DECALAGE DE BANDE CENTRALE ADAPTATIF POUR UN CODAGE VIDEO**
[72] CHONG, IN SUK, US
[72] KUMAR, SANJEEV, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-04-28
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[30] US (61/556,085) 2011-11-04
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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **HYDROCARBON RESOURCE HEATING SYSTEM INCLUDING RF ANTENNAS DRIVEN AT DIFFERENT PHASES AND RELATED METHODS**
[54] **SYSTEME DE CHAUFFAGE DE RESSOURCE D'HYDROCARBURE COMPRENANT DES ANTENNES RF ENTRAINEES A DIFFERENTES PHASES ET METHODES CONNEXES**
[72] PARSCHE, FRANCIS EUGENE, US
[73] HARRIS CORPORATION, US
[86] (2855323)
[87] (2855323)
[22] 2014-06-26
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[25] EN
[54] **END WINDING CORONA PROTECTION**
[54] **DISPOSITIF ANTI-EFFLUVES POUR TETE DE BOBINE**
[72] KOEPFLER, ANDREAS, DE
[72] POUX, JEREMY, CH
[72] LUGAND, THOMAS, CH
[73] ALSTOM RENEWABLE TECHNOLOGIES, FR
[86] (2855464)
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[51] **Int.Cl. A01N 59/20 (2006.01) A01N 59/00 (2006.01) A61K 33/30 (2006.01) A61K 33/34 (2006.01)**
[25] EN
[54] **ACTIVE-POWDER BIOCIDAL COMPOSITION COMPRISING AT LEAST ONE COPPER SALT AND AT LEAST ONE ZINC SALT AND THE METHOD FOR THE PRODUCTION THEREOF**
[54] **COMPOSITION BIOCIDE A BASE DE POUSSIERES ACTIVES COMPRENANT AU MOIN UN SEL DE CUIVRE ET AU MOINS UN SEL DE ZINC ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] AMESTICA SALAZAR, LUIS ALBERTO, CL
[73] TEXTIL COPPER ANDINO S.A., CL
[85] 2014-05-14
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[25] EN
[54] **CALCIUM PHOSPHATE CEMENT COMPOSITIONS COMPRISING PUMICE AND/OR PERLITE AND ASSOCIATED METHODS**
[54] **COMPOSITIONS DE CIMENT A BASE DE PHOSPHATE DE CALCIUM COMPRENANT DE LA PIERRE PONCE ET/OU DE LA PERLITE ET PROCEDES ASSOCIES**
[72] KARCHER, JEFFERY DWANE, US
[72] BRENNEIS, DARRELL CHAD, US
[72] BROTHERS, LANCE E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-05-14
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[54] **MODULATORS OF ATP-BINDING CASSETTE TRANSPORTERS**
[54] **MODULATEURS DE TRANSPORTEURS A CASSETTE LIANT L'ATP**
[72] RUAH, SARA S. HADIDA, US
[72] MILLER, MARK T., US
[72] BEAR, BRIAN, US
[72] MCCARTNEY, JASON, US
[72] GROOTENHUIS, PETER D.J., US
[73] VERTEX PHARMACEUTICALS INCORPORATED, US
[86] (2856037)
[87] (2856037)
[22] 2006-12-28
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[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING GASOLINE OR DIMETHYL ETHER**
[54] **SYSTEME OU PROCEDE DE FABRICATION D'ESSENCE OU D'ETHER DIMETHYLIQUE**
[72] IIJIMA, MASAKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2014-05-22
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[87] (WO2013/080906)
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[51] **Int.Cl. C09D 5/00 (2006.01)**
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[54] **METHOD OF MITIGATING ICE BUILD-UP ON A SUBSTRATE**
[54] **PROCEDE PERMETTANT DE LIMITER L'ACCUMULATION DE GLACE SUR UN SUBSTRAT**
[72] MORAVEK, SCOTT J., US
[72] CONNELLY, BRUCE A., US
[72] RAKIEWICZ, EDWARD F., US
[72] SCHWARTZMILLER, DAVINA J., US
[72] ZALICH, MICHAEL A., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2014-05-30
[86] 2012-11-30 (PCT/US2012/067251)
[87] (WO2013/082399)
[30] US (61/566,077) 2011-12-02
[30] US (13/688,571) 2012-11-29

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[51] **Int.Cl. H02H 3/12 (2006.01) H02M 1/44 (2007.01) H02M 7/04 (2006.01) H05B 37/00 (2006.01)**
[25] EN
[54] **PRIMARY SIDE NO LOAD DETECTION AND SHUTDOWN CIRCUIT IN AN ISOLATED DRIVER**
[54] **CIRCUIT D'ARRET ET DE DETECTION DE CHARGE NULLE D'UN COTE PRINCIPAL DANS UN CIRCUIT PILOTE ISOLE**
[72] KUMAR, NITIN, US
[72] ZIEGLER, MARKUS, US
[73] OSRAM SYLVANIA INC., US
[86] (2858128)
[87] (2858128)
[22] 2014-08-01
[30] US (61/864,319) 2013-08-09
[30] US (14/312,951) 2014-06-24

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[13] C
[51] **Int.Cl. A61K 8/87 (2006.01) A61Q 17/00 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **CLEANSING COMPOSITIONS COMPRISING POLYURETHANE-34 THAT PREVENT BACTERIAL ADHESION TO SKIN**
[54] **COMPOSITIONS NETTOYANTES RENFERMANT DU POLYURETHANE 34 EMPECHANT L'ADHESION DES BACTERIES A LA PEAU**
[72] HOURIGAN, REGINA, US
[72] MATTAL, JAIRAJH, US
[72] MASTERS, JAMES, US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2014-06-05
[86] 2011-12-15 (PCT/US2011/065022)
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[51] **Int.Cl. G01N 3/12 (2006.01)**
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[54] **APPAREIL D'ESSAI DE PRESSION**
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[73] SAND, KEITH, CA
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[54] **SOUPAPE A REGULATION DE PRESSION REGLABLE**
[72] HESSLING, TERRY JOHN, US
[72] MENKO, SCOTT ANDREW, US
[73] NUMATICS, INCORPORATED, US
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[54] **APPAREIL DE PARC A ETAGES/STOCKAGE EN LIBRE-SERVICE AUTOMATIQUE**
[72] WASTEL, ANDREAS N., US
[72] WASTEL, ANDREAS N., US
[73] PARK PLUS, INC., US
[73] WASTEL, ANDREAS N., US
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[54] **FABRICATION DE MIETTE**
[72] PICKFORD, KEITH GRAHAM, GB
[72] VAN DOORN, KEES, NL
[72] REICHGELT, CARRY, NL
[73] CRISP SENSATION HOLDING SA, CH
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[54] **INSTALLATION DE TURBINE A GAZ**
[72] ITOH, MASAO, JP
[72] OKIZONO, NOBUHIRO, JP
[72] MAEDA, HIDEYUKI, JP
[72] IWAI, YASUNORI, JP
[72] FETVEDT, JEREMY ERON, US
[72] ALLAM, RODNEY JOHN, GB
[73] 8 RIVERS CAPITAL, LLC, US
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[54] **ASYMMETRIC FIELD ION MOBILITY SPECTROMETER**
[54] **SPECTROMETRE A MOBILITE IONIQUE ET A CHAMP ASYMETRIQUE**
[72] CAO, SHIPING, CN
[72] ZHANG, QINGJUN, CN
[72] CHEN, ZHIQIANG, CN
[72] ZHAO, ZIRAN, CN
[72] LI, YUANJING, CN
[72] LIU, YINONG, CN
[72] DONG, SHUQIANG, CN
[73] NUCTECH COMPANY LIMITED, CN
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[54] **DISPOSITIF D'ECLAIRAGE**
[72] ONDA, JOSEPH L., US
[72] GROVE, DOUGLAS DEWAYNE, US
[72] SCHOENEBERG, CARL JASON, US
[73] ABL IP HOLDING LLC, US
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[54] **ELEMENT DE MOULE MALE**
[72] PENAZZI, DAVIDE, IT
[73] SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA, IT
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[54] **COUSSIN DE SIEGE DOTE D'UN CONTOUR FLEXIBLE**
[72] SIEKMAN, ALLEN, US
[72] PRUST, PETER C., US
[73] BACKJOY ORTHOTICS, LLC, US
[85] 2014-07-15
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[54] **MIXED SALT CO2 SORBENT, PROCESSES FOR MAKING AND USES THEREOF**
[54] **SORBANT CO2 DE SELS MIXTES, PROCESSUS DE PRODUCTION ET D'UTILISATIONS ASSOCIES**
[72] HAMAD, ESAM ZAKI, SA
[72] AL-SADAT, WAJDI ISSAM, SA
[72] COLEMAN, LUKE, US
[72] SHEN, J.P., US
[72] GUPTA, RAGHUBIR, US
[73] SAUDI ARABIAN OIL COMPANY, SA
[73] RESEARCH TRIANGLE INSTITUTE, US
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[54] **METHOD AND APPARATUS FOR SCHEDULING VARIOUS TYPES OF PEER-TO-PEER COMMUNICATION LINKS**
[54] **PROCEDE ET APPAREIL DE PLANIFICATION DE DIVERS TYPES DE LIAISONS DE COMMUNICATION POSTE-A-POSTE**
[72] BAKER, MICHAEL H., US
[72] BONTA, JEFFREY D., US
[72] CALCEV, GEORGE, US
[72] MANGALVEDHE, NITIN R., US
[72] MICHELS, JAMES P., US
[72] SMITH, NATHAN J., US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **DOWNHOLE ROBOTS AND METHODS OF USING SAME**
[54] **ROBOTS D'EXTRACTION ET LEURS PROCEDES D'UTILISATION**
[72] HALL, LEE J., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PANE WITH THERMAL RADIATION REFLECTING COATING**
[54] **VITRE AVEC REVETEMENT REFLECHISSANT LE RAYONNEMENT DE CHALEUR**
[72] HAGEN, JAN, DE
[72] MELCHER, MARTIN, DE
[72] RUCHMANN, JULIETTE, FR
[72] VINCENT, JULIA, DE
[73] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **COMPACT CASE WITH CAKE RETENTION PAN**
[54] **POUDRIER COMPORTANT UN BOITIER DE RETENUE DE BLOC COMPACT**
[72] BOUIX, HERVE F., US
[72] CORBELLINI, FRANCIS, FR
[73] ELC MANAGEMENT LLC, US
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[54] **FLUID POWER CONTROL SYSTEM FOR MOBILE LOAD HANDLING EQUIPMENT**
[54] **SYSTEME DE COMMANDE A TRANSMISSION D'ENERGIE PAR FLUIDE POUR EQUIPEMENT DE MANIPULATION DE CHARGE MOBILE**
[72] MCKERNAN, PAT S., US
[72] NAGLE, GREGORY A., US
[73] CASCADE CORPORATION, US
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[54] **CUTTING TOOL WITH INTERNAL FLUID DELIVERY SYSTEM**
[54] **OUTIL DE COUPE EQUIPE D'UN SYSTEME INTERNE DE DISTRIBUTION DE FLUIDE**
[72] AMSTIBOVITSKY, LEONID, IL
[73] ISCAR LTD., IL
[85] 2014-08-01
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[54] **MOLECULAR SIEVE MATERIAL, ITS SYNTHESIS AND USE**
[54] **MATERIAU DE TAMIS MOLECULAIRE, SA SYNTHESE ET SON UTILISATION**
[72] WESTON, SIMON C., US
[72] STROHMAIER, KARL G., US
[72] VROMAN, HILDA B., US
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
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[54] **DOWNHOLE TOOL HAVING SLIP COMPOSED OF COMPOSITE RING**
[54] **OUTIL DE FOND DE TROU COMPORTANT UN ELEMENT COULISSANT CONSTITUE D'UN ANNEAU COMPOSITE**
[72] STAGE, MATTHEW, US
[72] YOUNG, JONATHAN, US
[72] PRITCHETT, WESLEY, US
[72] ROCHEN, JAMES A., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **MODULE DE SOURCE LUMINEUSE LASER ET DISPOSITIF DE SOURCE DE LUMIERE LASER**
[72] YABE, MITORU, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[86] (2863712)
[87] (2863712)
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[54] **TUYAU DE DESCENTE A ARTICULATION**
[72] BAILEY, LANCE D., US
[73] BAILEY, LANCE D., US
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[54] **HAMMER TOE IMPLANT AND METHOD**
[54] **IMPLANT ET PROCEDE POUR ORTEIL EN MARTEAU**
[72] MCCORMICK, DANIEL FRANCIS, US
[72] SHEMWELL, JESSICA LAUREN, US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
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[54] **ORGANE DE REGLAGE POUR LE VERROUILLAGE**
[72] PRESLEY, MICHAEL, US
[72] DELACA, RODNEY, US
[72] HORVATH, ANTHONY, US
[73] TRIJICON, INC., US
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[87] (2866059)
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[54] **UTILISATION D'UN DERIVE DE PYRAZOLE DANS LE TRAITEMENT D'EXACERBATIONS AIGUES D'UNE MALADIE PULMONAIRE OBSTRUCTIVE CHRONIQUE**
[72] FORD, PAUL ANDREW, GB
[73] NOVARTIS AG, CH
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[54] **DIFFERENTIAL SIGNAL CONNECTOR CAPABLE OF REDUCING SKEW BETWEEN A DIFFERENTIAL SIGNAL PAIR**
[54] **CONNECTEUR POUR SIGNAUX DIFFERENTIELS POUVANT REDUIRE L'ECART ANGULAIRE ENTRE UNE PAIRE DE SIGNAUX DIFFERENTS**
[72] SHIRATORI, MASAYUKI, JP
[72] AIHARA, SHUICHI, JP
[72] KATAYANAGI, MASAYUKI, JP
[72] HASHIGUCHI, OSAMU, JP
[73] JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, JP
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[54] **CLEANING ARTICLE WITH DIFFERENTIAL OVERLAP BETWEEN SHEET AND TOW FIBERS**
[54] **ARTICLE DE NETTOYAGE AVEC CHEVAUCHEMENT DIFFERENTIEL ENTRE UNE FEUILLE ET DES FIBRES D'ETOUPE**
[72] POLICICCHIO, NICOLA JOHN, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **ACTIVATED CARBON AND COAL COMBUSTION RESIDUE TREATMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE CHARBON ACTIF ET DE RESIDUS DE COMBUSTION DE CHARBON**
[72] D'AMICO, PETER, US
[72] POLING, CHRISTOPHER, US
[72] LESNIAK, THOMAS, US
[73] MERCUTEK LLC, US
[85] 2014-09-08
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[54] **DATA COMMUNICATIONS NETWORK FOR AN AIRCRAFT**
[54] **RESEAU DE COMMUNICATION DE DONNEES POUR UN AERONEF**
[72] BOBREK, PAVLO, US
[73] GE AVIATION SYSTEMS LLC, US
[86] (2867219)
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[54] **SECONDARY BATTERY**
[54] **BATTERIE RECHARGEABLE**
[72] KUDOH, TAKUO, JP
[72] HIWADA, KIYOYASU, JP
[72] INOUE, TATSUO, JP
[72] NAKAZAWA, AKIRA, JP
[72] TERAKADO, NOBUAKI, JP
[73] KABUSHIKI KAISHA NIHON MICRONICS, JP
[73] GUALA TECHNOLOGY CO., LTD., JP
[85] 2014-09-17
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[54] **SINGLE-OPENING PUMPING NOZZLE AND DIRECT-PRESSING DUAL-OPENING AUTOMATIC-SWITCHING PUMPING NOZZLE**
[54] **BUSE DE POMPAGE A OUVERTURE SIMPLE ET BUSE DE POMPAGE A COMMUTATEUR D'OUVERTURE DOUBLE A PRESSION**
[72] WANG, LOPIN, TW
[73] BETO ENGINEERING AND MARKETING CO., LTD., TW
[86] (2867769)
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[54] **METHOD FOR EXPRESSION OF SMALL ANTIVIRAL RNA MOLECULES WITHIN A CELL**
[54] **PROCEDE D'EXPRESSION DE PETITES MOLECULES D'ARN ANTIVIRALES A L'INTERIEUR D'UNE CELLULE**
[72] BALTIMORE, DAVID, US
[72] QIN, XIAO-FENG, US
[72] LOIS-CABALLE, CARLOS, US
[72] CHEN, IRVIN S.Y., US
[72] AN, DONG SUNG, US
[73] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[25] EN
[54] **STEEL FOR MECHANICAL STRUCTURE FOR COLD WORKING, AND METHOD FOR MANUFACTURING SAME**
[54] **ACIER POUR UNE STRUCTURE MECANIQUE POUR UN FORMAGE A FROID, ET PROCEDE DE FABRICATION DE CE DERNIER**
[72] YAMASHITA, KOJI, JP
[72] TSUCHIDA, TAKEHIRO, JP
[72] CHIBA, MASAMICHI, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
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[51] **Int.Cl. E21B 33/06 (2006.01)**
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[54] **BLOWOUT PREVENTER WITH LOCKING RAM ASSEMBLY AND METHOD OF USING SAME**
[54] **OBTURATEUR ANTIERUPTION COMPRENANT UN ENSEMBLE RAME DE VERROUILLAGE ET PROCEDE D'UTILISATION CORRESPONDANT**
[72] JAHNKE, DOUGLAS A., US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2014-09-25
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[54] **FENTES DE REFROIDISSEMENT DE BORD DE FUITE DE SURFACE PORTANTE DE TURBINE**
[72] BERGHOLZ, ROBERT FREDERICK, JR., US
[72] DURSTOCK, DANIEL LEE, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-09-25
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[54] **LOCALISATION DE LIGNES DE FOND DE TROU**
[72] SKINNER, NEAL G., US
[72] FRIPP, MICHAEL L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SENSOR CARTRIDGE AND INSERTER**
[54] **CARTOUCHE CAPTEUR ET DISPOSITIF D'INSERTION**
[72] FREY, STEPHAN-MICHAEL, DE
[72] HECK, WOLFGANG, DE
[72] KUBE, OLIVER, DE
[72] WALTER, HELMUT, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **DEHUMIDIFICATION SYSTEM FOR USE IN A VEHICLE AND METHOD OF ASSEMBLING THEREOF**
[54] **SYSTEME DE DESHUMIDIFICATION POUR VEHICULE ET PROCEDE D'ASSEMBLAGE DUDIT SYSTEME**
[72] VUE, FUE CHUE, US
[73] THE BOEING COMPANY, US
[86] (2870249)
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[22] 2014-11-06
[30] US (14/162,998) 2014-01-24

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[25] EN
[54] **SYSTEMS AND METHODS FOR PREVENTING FUEL LEAKAGE IN A GAS TURBINE ENGINE**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'EMPECHER UNE FUITE DE COMBUSTIBLE DANS UN MOTEUR DE TURBINE A GAZ**
[72] ELLSWORTH, RICHARD ALLEN, US
[72] VAN ALEN, FREDERICK EHRWULF, US
[72] NG, THOMAS VANDER, US
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **CONTROL DEVICE FOR ANTI-FREEZE FAUCET**
[54] **DISPOSITIF DE COMMANDE POUR ROBINET ANTIGEL**
[72] KO, CHIH HAN, TW
[73] KO, CHIH HAN, TW
[86] (2871080)
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[22] 2014-11-07
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[54] **AUTOMATIC FLOW CONTROL IN MIXING FRACTURING GEL**
[54] **REGULATION AUTOMATIQUE DU DEBIT LORS DU MELANGE D'UN GEL DE FRACTURATION**
[72] LUCAS, BRYAN CHAPMAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-22
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[54] **MODULAR WAXLESS SEAL**
[54] **JOINT D'ETANCHEITE SANS CIRE MODULAIRE**
[72] GUTHRIE, KEVIN J., US
[73] LAVELLE INDUSTRIES, INC., US
[86] (2871431)
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[25] EN
[54] **BISFURAN DERIVATIVES USEFUL IN PREVENTING THE EMERGENCE OF MULTIDRUG RESISTANT HIV STRAINS AND TREATMENT OF HIV**
[54] **DERIVES DE BISFURANE UTILES DANS LA PREVENTION DE L'EMERGENCE DE SOUCHES DE VIH MULTIRESISTANTES AUX MEDICAMENTS ET LE TRAITEMENT DU VIH**
[72] ERICKSON, JOHN W., US
[72] GULNICK, SERGEI V., US
[72] MITSUYA, HIROAKI, US
[72] GHOSH, ARUN K., US
[73] THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[73] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
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[54] **METHOD AND SYSTEM OF DISPLAYING A GRAPHICAL REPRESENTATION OF HYDROCARBON PRODUCTION PARAMETERS**
[54] **PROCEDE ET SYSTEME D'AFFICHAGE D'UNE REPRESENTATION GRAPHIQUE DE PARAMETRES DE PRODUCTION D'HYDROCARBURE**
[72] LOPEZGARCIA, CARLOS M., US
[72] MORICCA, GIUSEPPE, IT
[72] CARVAJAL, GUSTAVO A., US
[72] VILLAMIZAR, MIGUEL A., US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **MAGNETIC FLOOR SURFACE**
[54] **SURFACE DE PLANCHER MAGNETIQUE**
[72] ROBINSON, IAN, GB
[72] JOBLING, WAYNE, GB
[72] SPREADBOROUGH, IAN, GB
[72] SMYTH, DEREK, GB
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[73] !OBAC LIMITED, GB
[85] 2014-11-19
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[54] **TRIGGER EMULATION MECHANISM OF ELECTRIC GUN**
[54] **MECANISME D'EMULATION DE DETENTE DE PISTOLET ELECTRIQUE**
[72] LIAO, YIN-HSI, TW
[73] GUAY GUAY TRADING CO., LTD., TW
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[87] (2876232)
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[25] EN
[54] **OIL ABSORBENT OILFIELD MATERIALS AS ADDITIVES IN OIL-BASED DRILLING FLUID APPLICATIONS**
[54] **MATERIAUX DE CHAMPS PETROLIFERES ABSORBANT L'HUILE EN TANT QU'ADDITIFS DANS DES APPLICATIONS DE FLUIDES DE FORAGE A BASE D'HUILE**
[72] MORRIS, KAY ANN, US
[72] MILLER, MATTHEW LYNN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-12-11
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[51] **Int.Cl. B63B 9/06 (2006.01) B63B 35/44 (2006.01) B63B 39/06 (2006.01)**
[25] EN
[54] **FLOATING OFFSHORE PLATFORM AND CENTRALIZED OPEN KEEL PLATE**
[54] **PLATEFORME OFFSHORE FLOTTANTE ET PLAQUE DE QUILLE OUVERTE CENTRALISEE**
[72] YANG, CHAN KYU, US
[73] TECHNIP FRANCE, FR
[85] 2014-12-17
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[54] **ALCOHOL-BASED PRINTING INK COMPOSITION**
[54] **COMPOSITION D'ENCRE D'IMPRESSION A BASE D'ALCOOL**
[72] OYA, TORU, JP
[72] SATO, YUKI, JP
[72] TONE, YOSHITAKA, JP
[72] NARIHIRO, HARUNORI, JP
[73] TOYO INK SC HOLDINGS CO., LTD., JP
[73] TOYO INK CO., LTD., JP
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[54] **ELECTRONIC LOCK CYLINDER, ELECTRONIC LOCK SYSTEM CONTAINING SAME AND METHOD FOR UNLOCKING LOCK**
[54] **CYLINDRE DE SERRURE ELECTRONIQUE, SYSTEME DE SERRURE ELECTRONIQUE LE CONTENANT ET PROCEDE POUR DEVERROUILLER UNE SERRURE**
[72] CHEN, BINGHUI, CN
[73] GUANGZHOU AVARTA ELECTRONICS TECHNOLOGY CO., LTD., CN
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[54] **ELECTRICAL CONTACT**
[54] **CONTACT ELECTRIQUE**
[72] MILLER, KEITH EDWIN, US
[72] YI, CHONG HUN, US
[72] MCALONIS, MATTHEW RICHARD, US
[72] THACKSTON, KEVIN MICHAEL, US
[72] BELACK, DUSTIN CARSON, US
[72] TSANG, ALBERT, US
[72] RUFFINI, NICHOLAS PAUL, US
[72] MCKENNEY, DARRYL J., US
[72] OUELLETTE, ERICA L., US
[73] TYCO ELECTRONICS CORPORATION, US
[73] MERCURY SYSTEMS, INC., US
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[30] US (61/683,537) 2012-08-15
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[25] EN
[54] **SYSTEMS, COMPUTER MEDIUM AND COMPUTER-IMPLEMENTED METHODS FOR MONITORING HEALTH AND ERGONOMIC STATUS OF DRIVERS OF VEHICLES**
[54] **SYSTEMES, SUPPORT INFORMATIQUE ET PROCEDES INFORMATISES POUR SURVEILLER LA SANTE ET L'ETAT ERGONOMIQUE DE CONDUCTEURS DE VEHICULES**
[72] HORSEMAN, SAMANTHA J., SA
[73] JOHNS HOPKINS ARAMCO HEALTHCARE COMPANY, SA
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[30] US (61/659,810) 2012-06-14
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[25] EN
[54] **AIRCRAFT FUEL TANK FLAMMABILITY REDUCTION METHODS AND SYSTEMS AND AIR SEPARATION METHODS USING MEMBRANES**
[54] **PROCEDES ET SYSTEMES DE REDUCTION DE L'INFLAMMABILITE D'UN RESERVOIR DE CARBURANT D'AVION ET PROCEDES DE SEPARATION DE L'AIR UTILISANT DES MEMBRANES**
[72] EVOSEVICH, BARBARA J., US
[72] JOJIC, IVANA, US
[73] THE BOEING COMPANY, US
[85] 2015-01-19
[86] 2013-10-10 (PCT/US2013/064380)
[87] (WO2014/107207)
[30] US (13/665,767) 2012-10-31

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[51] **Int.Cl. C07C 319/24 (2006.01) C07C 319/28 (2006.01) C07C 321/14 (2006.01)**
[25] FR
[54] **PRODUCTION OF SYMMETRIC AND ASYMMETRIC DISULPHIDES BY REACTIVE DISTILLATION OF DISULPHIDE MIXTURES**
[54] **PREPARATION DE DISULFURES SYMETRIQUES ET DISSYMETRIQUES PAR DISTILLATION REACTIVE DE MELANGES DE DISULFURES**
[72] FREMY, GEORGES, FR
[73] ARKEMA FRANCE, FR
[85] 2015-01-21
[86] 2013-08-27 (PCT/FR2013/051974)
[87] (WO2014/033399)
[30] FR (12.58110) 2012-08-30

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[25] EN
[54] **NOVEL HETEROARYL AND HETEROCYCLE COMPOUNDS, COMPOSITION AND METHODS THEREOF**
[54] **NOUVEAUX COMPOSES HETEROARYLIQUES ET HETEROCYCLIQUES ET COMPOSITIONS ET PROCEDES S'Y RAPPORTANT**
[72] SU, WEI-GUO, CN
[72] DAI, GUANGXIU, CN
[72] XIAO, KUN, CN
[72] JIA, HONG, CN
[72] ZHANG, ZHULIN, CN
[72] VENABLE, JENNIFER DIANE, US
[72] BEMBENEK, SCOTT DAMIAN, US
[72] CHAI, WENYING, US
[73] HUTCHISON MEDIPHARMA LIMITED, CN
[85] 2015-01-26
[86] 2013-07-26 (PCT/CN2013/080195)
[87] (WO2014/015830)
[30] CN (PCT/CN2012/079290) 2012-07-27
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[13] C
[51] **Int.Cl. F27D 3/00 (2006.01) C22B 15/00 (2006.01) F27B 1/20 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR FEEDING FINE-GRAINED MATTER TO A CONCENTRATE OR MATTE BURNER OF A SUSPENSION SMELTING FURNACE**
[54] **PROCEDE ET AGENCEMENT D'INTRODUCTION D'UNE MATIERE A GRAINS FINS DANS UN BRULEUR DE MATIERE OU DE CONCENTRE D'UN FOUR DE FUSION EN SUSPENSION**
[72] LAHTINEN, MARKKU, FI
[72] AHOKAINEN, TAPIO, FI
[72] BJORKLUND, PETER, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2015-01-26
[86] 2013-08-19 (PCT/FI2013/050811)
[87] (WO2014/029913)
[30] FI (20125863) 2012-08-20

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[25] EN
[54] **PROCESS FOR SEPARATION OF AT LEAST ONE METAL SULFIDE FROM A MIXED SULFIDE ORE OR CONCENTRATE**
[54] **PROCEDE POUR LA SEPARATION D'AU MOINS UN SULFURE METALLIQUE A PARTIR D'UN MINERAI OU D'UN CONCENTRE DE SULFURE MELANGE**
[72] TOMLINSON, MARCUS, CA
[72] MARTINEZ, TEODORO, MX
[72] HILLE, SIMON, CA
[73] GOLDCORP INC., CA
[86] (2880395)
[87] (2880395)
[22] 2015-01-30
[30] US (61/934193) 2014-01-31

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[51] **Int.Cl. F04B 49/06 (2006.01) F04B 45/04 (2006.01)**
[25] EN
[54] **PUMP DEVICE AND CONTROL METHOD THEREFOR**
[54] **DISPOSITIF DE POMPE ET PROCEDE DE COMMANDE DE CE DISPOSITIF**
[72] NONOMURA, YUJI, JP
[72] SUZUKI, SACHIE, JP
[72] ITOYAMA, RYUJI, JP
[72] YAMANAKA, AKIHIRO, JP
[73] ULVAC KIKO, INC., JP
[85] 2015-01-29
[86] 2012-02-16 (PCT/JP2012/001022)
[87] (WO2013/121462)

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[51] **Int.Cl. G05D 1/02 (2006.01) B64C 39/02 (2006.01) B64D 47/00 (2006.01) G08C 19/12 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **UNMANNED VEHICLE (UV) CONTROL SYSTEM AND UV MOVEMENT AND DATA CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE VEHICULE SANS PILOTE ET SYSTEME DE COMMANDE DE MOUVEMENT ET DE DONNEES DE VEHICULE SANS PILOTE**
[72] MULLAN, PRAMILA, US
[72] NEGM, WALID, US
[72] LIONGOSARI, EDY S., US
[72] BARSAMIAN, PAUL, US
[72] RICHARDS, BRIAN, US
[72] KIM, SANG-IK, US
[72] MUI, MICHAEL, US
[72] FENNEY, ROBERT, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2881744)
[87] (2881744)
[22] 2015-02-13
[30] US (61/940,251) 2014-02-14
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[30] US (14/619,749) 2015-02-11
[30] US (14/619,854) 2015-02-11

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[51] **Int.Cl. B01L 3/00 (2006.01) B01L 9/06 (2006.01)**
[25] EN
[54] **INJECTION MOLDED TRAY FOR BLOOD COLLECTION TUBES**
[54] **PLATEAU SUPPORT MOULE PAR INJECTION POUR TUBES DE PRELEVEMENT SANGUIN**
[72] KARPILOFF, KENNETH, US
[72] ISKRA, MICHAEL, US
[72] LUSARDI, GREGORY L., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2015-02-12
[86] 2013-07-17 (PCT/US2013/050843)
[87] (WO2014/028159)
[30] US (61/683,940) 2012-08-16

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[51] **Int.Cl. H04W 72/08 (2009.01) H04W 16/14 (2009.01) H04W 76/02 (2009.01) H04W 92/02 (2009.01) H04W 92/20 (2009.01) H04W 92/24 (2009.01)**
[25] EN
[54] **INTERFERENCE MITIGATION BY COORDINATING BETWEEN BASE STATIONS OF DIFFERENT NETWORKS, EACH OF THE NETWORKS BEING OF A DIFFERENT TYPE**
[54] **ATTENUATION DES INTERFERENCES PAR COORDINATION ENTRE DES STATIONS DE BASE DE DIFFERENTS RESEAUX, CHAQUE RESEAU ETANT D'UN TYPE DIFFERENT**
[72] YACOBI, AVISHAI A., IL
[72] EVAL, EILON, IL
[72] FRIEDLANDER, HAIM, IL
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2015-02-17
[86] 2013-08-21 (PCT/US2013/055917)
[87] (WO2014/035746)
[30] US (13/601,432) 2012-08-31

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[13] C
[51] **Int.Cl. H04L 12/24 (2006.01) G06Q 10/04 (2012.01) H04L 12/14 (2006.01)**
[25] EN
[54] **SERVICE PROVIDER NETWORK MIGRATION**
[54] **MIGRATION DE RESEAU DE FOURNISSEUR DE SERVICE**
[72] BULTEMA, PAUL J., US
[72] MORGAN, JOHN A., US
[72] DADOLY, STEPHEN M., US
[72] GEWIRTZ, WILLIAM L., US
[72] CHAN, CHRISTOPHER YEN-CHU, US
[72] BOLZE, JOHN D., US
[72] GUAN, LAN, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[85] 2015-02-24
[86] 2014-10-07 (PCT/US2014/059552)
[87] (WO2015/054300)
[30] US (61/888,214) 2013-10-08

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[13] C
[51] **Int.Cl. G06Q 50/02 (2012.01) E02F 9/20 (2006.01)**
[25] EN
[54] **MANAGEMENT SYSTEM AND MANAGEMENT METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION**
[72] TAKEDA, KOJI, JP
[73] KOMATSU LTD., JP
[85] 2014-05-20
[86] 2013-08-20 (PCT/JP2013/072223)
[87] (WO2015/025371)

[11] **2,883,077**
[13] C
[51] **Int.Cl. A61K 31/485 (2006.01) A61K 9/20 (2006.01) A61K 9/26 (2006.01) A61K 47/10 (2017.01) A61K 47/14 (2017.01) A61K 47/26 (2006.01) A61K 47/38 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **HYDROMORPHONE HYDROCHLORIDE-CONTAINING ORAL SUSTAINED-RELEASE PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE A LIBERATION PROLONGEE ADMINISTREE PAR VOIE ORALE CONTENANT DU CHLORHYDRATE D'HYDROMORPHONE**
[72] YADA, SHUICHI, JP
[72] YANO, HIDEKI, JP
[72] YOSHIDA, KAZUHIRO, JP
[72] FUKUI, SACHIKO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2015-02-24
[86] 2013-09-02 (PCT/JP2013/073519)
[87] (WO2014/034929)
[30] JP (2012-192783) 2012-09-03

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[13] C
[51] **Int.Cl. F23N 3/08 (2006.01) F23L 5/02 (2006.01) F23L 17/00 (2006.01) F23L 17/02 (2006.01)**
[25] EN
[54] **COMBINED COMBUSTION DEVICE**
[54] **DISPOSITIF DE COMBUSTION COMBINE**
[72] OKAMOTO, HIDEO, JP
[73] RINNAI CORPORATION, JP
[85] 2015-02-27
[86] 2013-07-22 (PCT/JP2013/069765)
[87] (WO2015/011754)

[11] **2,883,687**
[13] C
[51] **Int.Cl. E21B 33/128 (2006.01) E21B 33/127 (2006.01)**
[25] EN
[54] **EXPANDABLE TIE BACK SEAL ASSEMBLY**
[54] **ENSEMBLE D'ETANCHEITE EXPANSIBLE DE RACCORDEMENT POUR TUBAGE**
[72] NOFFKE, RICHARD PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-26
[86] 2012-08-28 (PCT/US2012/052721)
[87] (WO2014/035380)

[11] **2,883,729**
[13] C
[51] **Int.Cl. C12N 15/53 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 9/02 (2006.01) C12N 15/82 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **FATTY ACID DESATURASES FROM FUNGI**
[54] **DESATURASES D'ACIDES GRAS PROVENANT DES CHAMPIGNONS**
[72] URSIN, VIRGINIA M., US
[72] VOELKER, TONI, US
[72] FROMAN, BYRON, US
[73] MONSANTO TECHNOLOGY LLC, US
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[87] (2883729)
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[54] **SLIDABLE DIVERGENT TRAILING EDGE DEVICE**
[54] **DISPOSITIF DE BORD DE FUITE DIVERGENT COULISSANT**
[72] JAMISON, FLINT M., US
[72] AMOROSI, STEPHEN R., US
[72] KLEIN, MICHAEL K., US
[73] THE BOEING COMPANY, US
[86] (2884527)
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[51] **Int.Cl. B23C 5/10 (2006.01)**
[25] EN
[54] **MACHINING TOOL FOR MACHINING PURPOSES AND METHOD FOR CUTTING A COMPONENT MADE OF FIBRE-REINFORCED PLASTICS**
[54] **OUTIL D'USINAGE PAR ENLEVEMENT DE COPEAUX POUR L'USINAGE ET PROCEDE DE SEPARATION D'UNE PIECE EN PLASTIQUE RENFORCE PAR DES FIBRES**
[72] HUFSCHMIED, RALPH, DE
[73] HUFSCHMIED ZERSPANUNGSSYSTEME GMBH, DE
[85] 2015-03-17
[86] 2013-09-27 (PCT/EP2013/002913)
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[51] **Int.Cl. B65G 15/48 (2006.01) C21D 7/04 (2006.01) F27B 21/06 (2006.01)**
[25] EN
[54] **METHOD FOR ENHANCING FATIGUE DURABILITY OF A CONVEYOR BELT OF A STRAND SINTERING FURNACE, AND CONVEYOR BELT**
[54] **PROCEDE POUR AMELIORER UNE LONGEVITE A LA FATIGUE D'UNE COURROIE TRANSPORTEUSE D'UN FOUR DE FRITTAGE EN CONTINU, ET COURROIE TRANSPORTEUSE**
[72] LAIHONEN, PAAVO, FI
[72] LINDGREN, MARI, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2015-03-17
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[25] EN
[54] **SYSTEMS AND METHODS FOR SHARING BANDWIDTH ACROSS MULTIPLE VIDEO STREAMS**
[54] **SYSTEMES ET PROCEDES DE PARTAGE DE LARGEUR DE BANDE DANS DES FLUX VIDEO MULTIPLES**
[72] TUMMALAPENTA, SATYANARAYAN, IN
[72] BEKIARES, TYRONE D., US
[72] TINE, STEVEN D., US
[72] VUKKADAPU, SRIKANTH, IN
[73] MOTOROLA SOLUTIONS, INC., US
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[51] **Int.Cl. E04F 19/02 (2006.01) E06B 1/00 (2006.01) E06B 1/62 (2006.01)**
[25] EN
[54] **DOOR AND WINDOW FRAME MOLDING SYSTEM**
[54] **SYSTEME DE MOULURE POUR CADRE DE PORTE ET FENETRE**
[72] SAND, ROAR, NO
[73] SAND, ROAR, NO
[86] (2887754)
[87] (2887754)
[22] 2015-04-10
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[11] **2,888,684**
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[25] EN
[54] **MULTI-THREADED, LOCKLESS DATA PARALLELIZATION**
[54] **PARALLELISATION MULTIFIL DE DONNEES NON VERROUILLEES**
[72] HUETTER, RAYMOND J., US
[72] MCINTYRE, CRAIG A., US
[72] QUOC, MYVAN, US
[72] CRACKNELL, DAVID L, US
[72] YAMARTI, ALKA, IN
[72] GOTWISNER, DAVID L., US
[73] ARGYLE DATA, INC., US
[85] 2015-04-17
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[54] **COTYLE COMPRISING A STERILE INTERFACE**
[54] **COTYLE A INTERFACE STERILE**
[72] GRADEL, THOMAS, FR
[73] GRADEL, THOMAS, FR
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[25] EN
[54] **TREATMENT OF TOBACCO MATERIAL**
[54] **TRAITEMENT DU TABAC**
[72] EDWARDS, STEVEN, GB
[72] GRIFFITHS, ALEXANDER, GB
[72] HU, JIN, GB
[72] GUBITZ, GEORGE, AT
[72] PAAR, ANDREAS, AT
[72] POBEHEIM, HERBERT, AT
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2015-04-22
[86] 2013-11-25 (PCT/GB2013/053100)
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[51] **Int.Cl. B65D 1/32 (2006.01) B65D 1/02 (2006.01)**
[25] EN
[54] **DOUBLE CONTAINER**
[54] **DOUBLE RECIPIENT**
[72] MIYAIRI, KEISUKE, JP
[72] KUTSUZAWA, SHINTARO, JP
[72] TANAKA, KEITA, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2015-04-22
[86] 2013-10-15 (PCT/JP2013/006125)
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[51] **Int.Cl. E21B 43/117 (2006.01) E21B 43/1185 (2006.01)**
[25] EN
[54] **BI-DIRECTIONAL SHAPED CHARGES FOR PERFORATING A WELLBORE**
[54] **CHARGES FACONNEES BIDIRECTIONNELLES POUR PERFORATION D'UN PUITS DE FORAGE**
[72] CLAY, MATTHEW C., US
[72] GEERTS, SHAUN M., US
[72] PRATT, DANIEL W., US
[72] MONTANEZ, THOMAS C., US
[73] OWEN OIL TOOLS LP, US
[85] 2015-04-22
[86] 2013-11-05 (PCT/US2013/068514)
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[30] US (61/722,463) 2012-11-05
[30] US (61/739,316) 2012-12-19

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[13] C
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/28 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR STIMULATING A TREATMENT ZONE NEAR A WELLBORE AREA OF A SUBTERRANEAN FORMATION**
[54] **METHODE ET DISPOSITIF DE STIMULATION DE ZONE DE TRAITEMENT A PROXIMITE D'UNE ZONE DE TROU DE FORAGE D'UNE FORMATION SOUTERRAINE**
[72] PARKER, TODD, CA
[72] CARROLL, SHAWN, CA
[72] SKIBINSKI, DAN, CA
[73] BLUE SPARK ENERGY INC., CA
[86] (2889227)
[87] (2889227)
[22] 2015-04-24
[30] US (61/985,258) 2014-04-28

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[51] **Int.Cl. B65G 13/073 (2006.01)**
[25] EN
[54] **FRICTION DRIVE FOR FORCE TRANSMISSION, IN PARTICULAR FOR A TRANSPORT CONVEYING DEVICE**
[54] **ENTRAINEMENT A FRICTION POUR LA TRANSMISSION DE FORCE, EN PARTICULIER POUR UN DISPOSITIF TRANSPORTEUR**
[72] KIENER, WALDEMAR, DE
[72] ABELE, PAUL, DE
[73] KIENER MASCHINENBAU GMBH, DE
[85] 2015-04-27
[86] 2013-11-13 (PCT/EP2013/073708)
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[25] EN
[54] **SELECTIVE ANDROGEN RECEPTOR MODULATORS**
[54] **MODULATEURS DE RECEPTEUR ANDROGENE SELECTIFS**
[72] ANDERSON, JAMES THOMAS, US
[72] CHEKLER, EUGENE LVOVICH PIATNITSKI, US
[72] ELLSWORTH, EDMUND L., US
[72] ERICKSON, BRUCE KIPP, US
[72] GILBERT, ADAM MATTHEW, US
[72] RICKETTS, ANTHONY P., US
[72] THOMPSON, DAVID P., US
[72] UNWALLA, RAYOMAND JAL, US
[72] VERHOEST, PATRICK ROBERT, US
[73] PFIZER INC., US
[85] 2015-05-11
[86] 2013-11-25 (PCT/IB2013/060381)
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[25] EN
[54] **STOWABLE PASSENGER SEAT TRAY TABLE**
[54] **TABLETTE DE SIEGE DE PASSAGER ESCAMOTABLE**
[72] MOULTON, KRISTOPHER C., US
[72] CURLEY, NATHANAEL M., US
[72] SMITH, MICHAEL H., US
[73] BE AEROSPACE INC., US
[86] (2891738)
[87] (2891738)
[22] 2011-11-18
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[51] **Int.Cl. F16J 15/16 (2006.01) F16J 15/3204 (2016.01) F16J 15/34 (2006.01)**
[25] EN
[54] **PRELIMINARY SEAL, PRELIMINARY SEAL ARRANGEMENT AND SEALING RING COMPRISING THE PRELIMINARY SEAL**
[54] **JOINT D'ETANCHEITE PRELIMINAIRE, DISPOSITION DE JOINT D'ETANCHEITE PRELIMINAIRE ET JOINT ANNULAIRE COMPORTANT LE JOINT D'ETANCHEITE PRELIMINAIRE**
[72] COLINEAU, FRANCOIS, DE
[72] HINTENLANG, GUNTER, DE
[72] KLENK, THOMAS, DE
[72] KONIG, STEFAN, DE
[73] CARL FREUDENBERG KG, DE
[86] (2893739)
[87] (2893739)
[22] 2015-06-03
[30] DE (10 2014 010 269.6) 2014-07-11

[11] **2,893,885**
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[51] **Int.Cl. B65D 33/02 (2006.01)**
[25] EN
[54] **RIGID OUTER CONTAINER FOR RELEASABLY ACCOMODATIING A STAND-UP POUCH**
[54] **CONTENANT A EXTERIEUR RIGIDE DESTINE A ACCOMMODER DE MANIERE AMOVIBLE UNE POCHETTE A FOND PLAT**
[72] HARTLEY, SCOTT HUNTINGTON, US
[73] SONOCO DEVELOPMENT, INC., US
[86] (2893885)
[87] (2893885)
[22] 2015-06-05
[30] US (14/485,128) 2014-09-12

[11] **2,894,020**
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[51] **Int.Cl. H01J 49/02 (2006.01) H01J 49/42 (2006.01)**
[25] EN
[54] **FIXED CONNECTION ASSEMBLY FOR AN RF DRIVE CIRCUIT IN A MASS SPECTROMETER**
[54] **CONNEXION FIXE POUR CIRCUIT DE COMMANDE RF DANS UN SPECTROMETRE DE MASSE**
[72] STEINER, URS, US
[72] JONES, LAWRENCE B., US
[73] BRUKER DALTONICS, INC., US
[86] (2894020)
[87] (2894020)
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[51] **Int.Cl. H01M 8/04111 (2016.01) H01M 8/0438 (2016.01) H01M 8/04746 (2016.01) H01M 8/2457 (2016.01)**
[25] EN
[54] **A FUEL CELL SYSTEM EMPLOYING CATHODE BYPASS CONTROL**
[54] **UN SYSTEME DE PILE A COMBUSTIBLE EMPLOYANT UNE COMMANDE DE CONTOURNEMENT DE CATHODE**
[72] ASAI, YOSHITOMO, JP
[72] TAKEDA, HIROSHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2015-06-26
[86] 2013-11-13 (PCT/JP2013/080704)
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[30] JP (2012-287934) 2012-12-28

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[13] C
[51] **Int.Cl. G01R 35/04 (2006.01) G01R 15/18 (2006.01)**
[25] EN
[54] **SENSOR DEVICES AND METHODS FOR USE IN SENSING CURRENT THROUGH A CONDUCTOR**
[54] **DISPOSITIFS DE DETECTION ET METHODES D'UTILISATION VISANT LA DETECTION DE COURANT DANS UN CONDUCTEUR**
[72] CHAMARTI, SUBRAMANYAM SATYASURYA, US
[72] BIETZ, STEVEN LEE, US
[73] ACLARA METERS LLC, US
[86] (2897856)
[87] (2897856)
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[13] C
[51] **Int.Cl. D06F 37/00 (2006.01)**
[25] EN
[54] **LAUNDRY TREATMENT APPARATUS WITH SUSPENSION ASSEMBLY HAVING ELASTIC MEMBER ON OUTER CIRCUMFERENTIAL SURFACE OF SUPPORT MEMBER**
[54] **APPAREIL DE TRAITEMENT DE LA LESSIVE DOTE D'UN MECANISME DE SUSPENSION COMPORTANT UN ELEMENT ELASTIQUE SUR LA SURFACE PERIPHERIQUE DE L'ELEMENT DE SUPPORT**
[72] WON, WOONGHUI, KR
[72] SEO, JINWOO, KR
[72] KIM, WOOSEONG, KR
[73] LG ELECTRONICS INC., KR
[86] (2898938)
[87] (2898938)
[22] 2015-07-30
[30] KR (10-2014-0098830) 2014-08-01

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[51] **Int.Cl. B01J 32/00 (2006.01) B01J 35/10 (2006.01) B01J 37/06 (2006.01) B01J 37/08 (2006.01) H01M 4/96 (2006.01)**
[25] EN
[54] **CARBON MATERIAL FOR CATALYST SUPPORT USE**
[54] **MATIERE DE CARBONE EN VUE D'UNE UTILISATION COMME SUPPORT DE CATALYSEUR**
[72] MIZUUCHI, KAZUHIKO, JP
[72] KOUNO, TAKUMI, JP
[72] KATAYAMA, MASAKAZU, JP
[72] HIGUCHI, MASAKAZU, JP
[72] NISHI, NOBUYUKI, JP
[72] IIJIMA, TAKASHI, JP
[72] HIYOSHI, MASATAKA, JP
[72] MATSUMOTO, KATSUMASA, JP
[73] NIPPON STEEL & SUMIKIN CHEMICAL CO., LTD., JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-07-23
[86] 2014-02-21 (PCT/JP2014/054228)
[87] (WO2014/129597)
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[13] C
[51] **Int.Cl. G10L 19/06 (2013.01) G10L 19/005 (2013.01)**
[25] EN
[54] **ENCODER AND METHOD FOR PREDICTIVELY ENCODING, DECODER AND METHOD FOR DECODING, SYSTEM AND METHOD FOR PREDICTIVELY ENCODING AND DECODING AND PREDICTIVELY ENCODED INFORMATION SIGNAL**
[54] **CODEUR ET PROCEDE DE CODAGE PREDICTIF, DECODEUR ET PROCEDE DE DECODAGE, SYSTEME ET PROCEDE DE CODAGE PREDICTIF ET DE DECODAGE ET SIGNAL D'INFORMATIONS CODE PAR CODAGE PREDICTIF**
[72] LUTZKY, MANFRED, DE
[72] SCHULLER, GERALD, DE
[72] SCHNABEL, MICHAEL, DE
[72] WERNER, MICHAEL, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[73] TECHNISCHE UNIVERSITAT ILMENAU, DE
[86] (2899296)
[87] (2899296)
[22] 2011-12-14
[62] 2,821,603
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[13] C
[51] **Int.Cl. E21B 17/042 (2006.01)**
[25] EN
[54] **TUBULAR CONNECTION CENTER SHOULDER SEAL**
[54] **JOINT D'ETANCHEITE D'EPAULEMENT DE CENTRE DE RACCORD TUBULAIRE**
[72] JUAREZ, ALEJANDRO, US
[73] ULTRA PREMIUM OILFIELD SERVICES, LTD., US
[85] 2015-08-04
[86] 2014-01-28 (PCT/US2014/013311)
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[30] US (61/760,833) 2013-02-05
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[13] C
[51] **Int.Cl. C01F 7/02 (2006.01) C01F 7/44 (2006.01)**
[25] EN
[54] **POROUS ALUMINUM OXIDE POWDERS WITH A HONEYCOMB STRUCTURE**
[54] **POUDRES D'OXYDE D'ALUMINIUM POREUX DOTEES D'UNE STRUCTURE ALVEOLAIRE**
[72] SENYUTA, ALEKSANDR SERGEEVICH, RU
[72] PANOV, ANDREY VLADIMIROVICH, RU
[72] SMIRNOV, ANDREY ANDREEVICH, RU
[73] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR", RU
[85] 2015-08-04
[86] 2013-02-04 (PCT/RU2013/000078)
[87] (WO2014/120037)

[11] **2,901,638**
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[51] **Int.Cl. E04H 17/10 (2006.01) E01F 9/669 (2016.01) A01G 17/04 (2006.01) A01K 3/00 (2006.01) E04H 17/24 (2006.01) H01B 17/16 (2006.01)**
[25] EN
[54] **A POST MOUNTING SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL DE MONTAGE SUR POTEAU**
[72] JOHNS, GRAHAM, NZ
[72] WADE, ROBERT, NZ
[72] FABIEN, ROBERT, AU
[72] O'TOOLE, LAWRENCE, AU
[73] ONESTEEL WIRE PTY LIMITED, AU
[73] GALLAGHER GROUP LIMITED, NZ
[85] 2015-08-18
[86] 2014-02-24 (PCT/AU2014/000169)
[87] (WO2014/131077)
[30] AU (2013900652) 2013-02-26
[30] AU (2013203633) 2013-04-11

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[51] **Int.Cl. C10L 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING ASHLESS COAL**
[54] **PROCEDE DE PRODUCTION DE CHARBON SANS CENDRE**
[72] KINOSHITA, SHIGERU, JP
[72] OKUYAMA, NORIYUKI, JP
[72] YOSHIDA, TAKUYA, JP
[72] SAKAI, KOJI, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2015-08-20
[86] 2014-03-17 (PCT/JP2014/057203)
[87] (WO2014/156789)
[30] JP (2013-069124) 2013-03-28

[11] **2,902,188**
[13] C
[51] **Int.Cl. B60K 13/04 (2006.01) B60P 1/04 (2006.01)**
[25] EN
[54] **DUMP TRUCK**
[54] **CAMION A BENNE**
[72] ASHIKAWA, HIROKAZU, JP
[72] TASHIRO, TAKAYUKI, JP
[73] KOMATSU LTD., JP
[85] 2015-06-25
[86] 2014-12-01 (PCT/JP2014/081752)
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[11] **2,904,496**
[13] C
[51] **Int.Cl. D02G 3/04 (2006.01) D03D 1/00 (2006.01) D03D 15/00 (2006.01) D04B 1/14 (2006.01) D04B 21/00 (2006.01) D04C 1/02 (2006.01) D06M 13/513 (2006.01) D06M 15/55 (2006.01) D06M 15/564 (2006.01) D06M 15/59 (2006.01)**
[25] EN
[54] **COMMINGLED YARN, METHOD FOR MANUFACTURING THE COMMINGLED YARN, AND, WOVEN FABRIC**
[54] **FIBRE AMALGAMEE, METHODE DE FABRICATION DE LA FIBRE AMALGAMEE ET TISSU TISSE**
[72] NAKAI, ASAMI, JP
[72] OOTANI, AKIO, JP
[72] KAJI, MASATAKA, JP
[72] TAKAGI, MITSURO, JP
[72] MATSUMOTO, NOBUHIKO, JP
[72] MITADERA, JUN, JP
[73] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[85] 2015-09-08
[86] 2014-10-10 (PCT/JP2014/077148)
[87] (WO2015/056642)
[30] JP (2013-217035) 2013-10-18
[30] JP (2014-189685) 2014-09-18

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[13] C
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[25] EN
[54] **AGRICULTURAL/HORTICULTURAL INSECTICIDE AND METHOD FOR USING THE SAME**
[54] **INSECTICIDE S'UTILISANT EN AGRICULTURE OU EN HORTICULTURE ET PROCEDE D'UTILISATION CORRESPONDANT**
[72] YOSHIDA, KEI, JP
[72] WAKITA, TAKEO, JP
[72] KATSUTA, HIROYUKI, JP
[72] KAI, AKIYOSHI, JP
[72] CHIBA, YUTAKA, JP
[72] TAKAHASHI, KIYOSHI, JP
[72] KATO, HIROKO, JP
[72] KAWAHARA, NOBUYUKI, JP
[72] NOMURA, MICHIKAZU, JP
[72] DAIDO, HIDENORI, JP
[72] MAKI, JUNJI, JP
[72] BANBA, SHINICHI, JP
[72] KAWAHARA, ATSUKO, JP
[73] MITSUI CHEMICALS, INC., JP
[86] (2904555)
[87] (2904555)
[22] 2004-08-23
[62] 2,772,017
[30] JP (2003-305816) 2003-08-29

[11] **2,906,516**
[13] C
[51] **Int.Cl. C40B 40/06 (2006.01) C07H 21/04 (2006.01) C07K 14/00 (2006.01) C07K 14/315 (2006.01) C12N 15/10 (2006.01) C12N 15/63 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C40B 50/06 (2006.01)**
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[54] **NUCLEIC ACIDS AND METHODS FOR THE DETECTION OF STREPTOCOCCUS**
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[72] BOISSINOT, MAURICE, CA
[72] HULETSKY, ANN, CA
[72] MENARD, CHRISTIAN, CA
[72] OUELLETTE, MARC, CA
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[73] WEATHERFORD/LAMB, INC., US
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[54] **ESSUIE-MAIN ANTIMICROBIEN A INDICATEUR DE TRANSFERT CHROMATIQUE A RETARDEMENT DE TAUX D'ABSORPTION**
[72] LUU, PHUONG VAN, US
[72] AWOFESO, ANTHONY O., US
[72] YARDLEY, CRAIG D., US
[72] YEH, KANG CHANG, US
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[54] **DISPOSITIF DE BROYAGE DE MATERIAUX ABRASIFS**
[72] DREPPER, MICHAEL, DE
[73] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
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[54] **ACCESSOIRES DE BOITIER POUR DISPOSITIF ELECTRONIQUE PORTABLE ET SYSTEMES ET PROCEDES ASSOCIES**
[72] GALLAGHER, KEVIN, US
[72] SHORTT, ROBERT, US
[72] BALLOU, DANIEL, US
[72] DECAMP, RONALD, US
[72] THONI, MARK, US
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[54] **TRANSPALETTE A ENSEMBLE INDICATEUR DE LEVAGE ET PROCEDES ASSOCIES**
[72] LANTZ, DAN, US
[72] ERTEL, JASON, US
[72] LUNDQUIST, CHRISTOPHER, US
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[54] **DISPOSITIF MEDICAL CONTENANT UNE COMPOSITION DE GATEAU COMPRENANT DE L'ARIPIPRAZOLE COMME INGREDIENT ACTIF, ET COMPOSITION DE GATEAU COMPRENANT DE L'ARIPIPRAZOLE COMME INGREDIENT ACTIF**
[72] HIRAOKA, SHOGO, JP
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[73] OTSUKA PHARMACEUTICAL CO., LTD., JP
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[54] **MACHINE DE DECOUPAGE ET PROCEDES D'UTILISATION**
[72] KLOCKOW, SCOTT ALAN, US
[73] URSCHEL LABORATORIES, INC., US
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[54] **CONTROLE DE L'ACCES A UN RESEAU BASE SUR LA DETECTION D'UNE APPLICATION**
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[54] **MOTEUR A BOUE A STRUCTURE INTEGREE RESISTANTE A L'ABRASION**
[72] LOGAN, AARON W., CA
[72] KALMAN, KEVIN, CA
[72] BERUBE, VINCENT GILLE, CA
[72] AHMOYE, DANIEL W., CA
[73] EVOLUTION ENGINEERING INC., CA
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[54] **REGULATION D'ACCES A UN RESEAU SUR LA BASE D'UNE DETECTION D'APPLICATION**
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[73] VOSSLOH-WERKE GMBH, DE
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[72] HUGHES, CHARLES J., US
[72] MAGUIRE, YAEL G., US
[72] SHIRINFAR, SHAFIGH, US
[72] TOKSVIG, MICHAEL JOHN MCKENZIE, US
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[72] NOBLE, SHAWN D., US
[72] VAN METER, MATTHEW J., US
[72] MCDIARMID, MONICA K., US
[72] KERENDIAN, HORMOZ, US
[72] DUDDING, ASHLEY T., US
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[72] STOJANOVSKI, STOJAN, US
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[54] **PROCEDE D'AMELIORATION DE L'APTITUDE A L'ECOULEMENT DE PETROLE BRUT LOURD**
[72] WAGNER, ULRICH, DE
[72] UNGER, TIM, US
[72] CHARPENTIER, SCOTT, US
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[54] **METHODE DE STOCKAGE DE DONNEES ET APPAREIL**
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[72] ZHI, WEI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **HYDROCARBON RESOURCE PROCESSING APPARATUS FOR GENERATING A TURBULENT FLOW OF COOLING LIQUID AND RELATED METHODS**
[54] **APPAREIL DE TRAITEMENT D'UNE RESSOURCE D'HYDROCARBURES PERMETTANT DE GENERER UN ECOULEMENT TURBULENT D'UN LIQUIDE DE REFROIDISSEMENT, ET PROCEDES ASSOCIES**
[72] HANN, MURRAY, US
[72] TRAUTMAN, MARK ALAN, US
[72] WHITE, JOHN E., US
[72] WRIGHT, BRIAN N., US
[73] HARRIS CORPORATION, US
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[54] **CONTENANTS DE STOCKAGE CHAUFFANTS/REFROIDISSANTS DESTINES A UNE UTILISATION DANS UNE AUTOMOBILE**
[72] WANG, CHENG-SHUNG, US
[73] WANG, CHENG-SHUNG, TW
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[54] **DISPOSITIFS DE COMMUTATION COMMANDES ET LEUR PROCEDE D'UTILISATION**
[72] TAILLEFER, PIERRE, CA
[72] SLEIGH, ERIC, CA
[73] VIZIMAX INC., CA
[73] SLEIGH, ERIC, CA
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[73] THE WAND LITE COMPANY LIMITED, GB
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[73] MILLENNIUM THREE TECHNOLOGIES INC, CA
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[72] PETACK, BURKHARD, DE
[72] SCHMIDT, MARKO, DE
[72] EBENHAN, KARSTEN, DE
[72] NEUFELDT, PATRICK, DE
[73] TAKRAF GMBH, DE
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[54] **CABLE AMELIORE A HAUTES PERFORMANCES POUR COMMUNICATIONS DE DONNEES**
[72] WEHRLI, ANDREW JOHN, US
[72] CLARK, WILLIAM THOMAS, US
[72] GAREIS, GALEN MARK, US
[72] BRENNEKE, DOUGLAS DAVID, US
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[54] **INSTALLATION PORTABLE COMBINEE DESTINEE A CUIRE, GRILLER, REFROIDIR, RECHAUFFER ET ENTREPOSER**
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[73] THORNDYKE, ROBERT JOHN, CA
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[54] **GAMES TABLES AND CORNER ASSEMBLIES FOR SAME**
[54] **TABLES DE JEU ET DISPOSITIFS DE COIN ASSOCIES**
[72] FUNG, MAK SIU, CN
[72] SHING, LEUNG CHEONG, CN
[72] FISCELLA, ANTHONY, CN
[72] PAVEY, MARK, CN
[73] MERCHANT AMBASSADOR (HOLDINGS) LTD., CN
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[54] **ACTIONNEURS PNEUMATIQUES**
[72] VAN BUSKIRK, LOYD, US
[72] MELDAHL, BRIAN, US
[72] VAN BUSKIRK, DYLAN, US
[73] L & B MANUFACTURING, INC., US
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[54] **GENERATION D'INTERROGATIONS DE RECHERCHE RECOMMANDEES SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] GARG, AVICHAL, US
[72] HUA, MING, US
[72] VERNAL, MICHAEL, US
[72] QIN, YANG, US
[72] FECHETE, DAN IONUT, US
[72] XIAO, XINPAN, US
[72] HUANG, YU, US
[72] CHEN, LU D., US
[72] CHAKRADEO, SAURABH PRAFULLA, US
[72] BHATT, DHARMESH A., US
[72] HIMEL, ALEX, US
[73] FACEBOOK, INC., US
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[54] **SYSTEME DE ROUTAGE INTELLIGENT, METHODE ET GESTIONNAIRE**
[72] LEEKLEY, GREGORY H., US
[72] SAVENOK, ALEXANDER, US
[72] SAVENOK, PAVEL, US
[73] LEEKLEY, GREGORY H., US
[73] SAVENOK, ALEXANDER, US
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[54] **DISPOSITIF DE CODAGE VIDEO ET METHODE DE CODAGE VIDEO**
[72] OSAWA, ATSUMASA, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[25] EN
[54] **THREAT ASSESSMENT LEVEL DETERMINATION AND REMEDIATION FOR A CLOUD-BASED MULTI-LAYER SECURITY ARCHITECTURE**
[54] **DETERMINATION DU NIVEAU D'EVALUATION DE MENACE ET ELIMINATION DE MENACE DESTINEES A UNE ARCHITECTURE DE SECURITE MULTICOUCHE FONDEE SUR LE WEB**
[72] STEVENSON, JOHN, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2935387)
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[54] **CLOUD-BASED MULTI-LAYER SECURITY ARCHITECTURE WITH FIREWALLED VIRTUAL NETWORK PORTIONS**
[54] **ARCHITECTURE DE SECURITE MULTICOUCHE NUAGIQUE COMPORTANT DES PORTIONS DE RESEAU VIRTUEL PROTEGEES PAR UN PARE-FEU**
[72] STEVENSON, JOHN, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[72] LANGLEY, JOSEPH D., US
[73] DOREL JUVENILE GROUP, INC., US
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[54] **BOGIE AVEC SUPPORT DE MOTEUR POUR MOTEUR LINEAIRE A INDUCTION**
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[73] BOMBARDIER TRANSPORTATION GMBH, DE
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[54] **MOLDED PRODUCT HAVING EFFECTIVE THICKNESS OF 1 MM OR MORE AND CONTAINING ALIPHATIC POLYESTER RESIN, AND DOWNHOLE TOOL MEMBER FOR HYDROCARBON RESOURCE RECOVERY**
[54] **PRODUIT MOULE AYANT UNE EPAISSEUR REELLE DE 1 MM OU PLUS ET RENFERMANT UNE RESINE DE POLYESTER ALIPHATIQUE, ET ELEMENT D'OUTIL DE FOND DE TROU DESTINE A LA RECUPERATION DE RESSOURCE D'HYDROCARBURE**
[72] KOBAYASHI, TAKUMA, JP
[72] SAIJO, HIKARU, JP
[72] OKURA, MASAYUKI, JP
[72] TAKAHASHI, TAKEO, JP
[73] KUREHA CORPORATION, JP
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[54] **MICROMECHANICAL COMPONENT HAVING A SPLIT, GALVANICALLY ISOLATED ACTIVE STRUCTURE, AND METHOD FOR OPERATING SUCH A COMPONENT**
[54] **COMPOSANT MICROMECANIQUE COMPORTANT UNE STRUCTURE ACTIVE SEPAREE ELECTRIQUEMENT ISOLEE ET PROCEDE POUR FAIRE FONCTIONNER UN TEL COMPOSANT**
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[73] NORTHROP GRUMMAN LITEF GMBH, DE
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[54] **COLLECTEUR DE RESINE D'ARBRE**
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[54] **FONCTIONNEMENT DE RADAR A CAPACITE DOPPLER ACCRUE**
[72] LEE, ROBERT W., US
[73] LEE, ROBERT W., US
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[54] **HYDRAULIC PIPE STRING VIBRATOR FOR REDUCING WELL BORE FRICTION**
[54] **VIBRATEUR DE TRAIN DE TUYAUX HYDRAULIQUES DESTINE A REDUIRE LA FRICTION DANS UN TROU DE FORAGE**
[72] BAUDOIN, TOBY SCOTT, US
[73] KLX ENERGY SERVICES LLC, US
[85] 2016-12-01
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[54] **DERIVATION DE POST-REFROIDISSEUR DE COMPRESSEUR A SEPARATEUR D'EAU INTEGRE**
[72] WRIGHT, ERIC C., US
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[71] REUBEN, RONIE, CA
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[54] **METHODE DE MODIFICATION DE LA PROPORTION DU FLUX DE FONTE DES POLYMERES ETHYLENIQUES**
[72] KER, VICTORIA, CA
[72] HOANG, PETER PHUNG MINH, CA
[71] NOVA CHEMICALS CORPORATION, CA
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[54] **IMPROVED OXIDATIVE DEHYDROGENATION CATALYST**
[54] **CATALYSE PAR DESHYDROGENATION OXYDANTE AMELIOREE**
[72] SIMANZHENKOV, VASILY, CA
[72] GAO, XIAOLIANG, CA
[72] SULLIVAN, DAVID JEFFREY, CA
[72] DRAG, HANNA, CA
[72] KUSTOV, LEONID MODESTOVICH, RU
[72] KUCHEROV, ALEKSEY VICTOROVICH, RU
[72] FINASHINA, ELENA DMITRIEVNA, RU
[71] NOVA CHEMICALS CORPORATION, CA
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[54] **REMOTE PHYSICAL MAIL BOX THEFT & VANDALISM DETECTOR**
[54] **DETECTEUR DE VOL ET VANDALISME DE BOITE POSTALE PHYSIQUE TELECOMMANDE**
[72] UNKNOWN, ZZ
[71] ARMSTRONG, PATRICK D., CA
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[54] **SYSTEMES ET METHODES DE COMPARAISON PRATIQUE DE TEXTES**
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[71] CAINES, IAN, CA
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[54] **SOLAR AIR HEATER COLLECTOR**
[54] **COLLECTEUR CHAUFFAGE A AIR SOLAIRE**
[72] FAVREAU, ERIC, CA
[72] CORDEAU, MICHEL, CA
[71] FAVREAU, ERIC, CA
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[54] **PIZZA BAG FOR EXTENDED DELIVERY**
[54] **SAC A PIZZA PERMETTANT LA LIVRAISON ULTERIEURE**
[72] KLEIN, GREGORY, CA
[71] KLEIN, GREGORY, CA
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[54] **METHOD AND SYSTEM FOR THE OPTIMIZATION OF PLANT GROWTH**
[54] **METHODE ET SYSTEME D'OPTIMISATION DE LA CROISSANCE DE VEGETAL**
[72] FORD, MURRAY, CA
[71] MURGYVER CONSULTING LTD., CA
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[54] **RECHARGEABLE HEARING ASSISTANCE SYSTEM**
[54] **DISPOSITIF D'AIDE AUDITIVE RECHARGEABLE**
[72] PONOMAREV, VLADIMIR, CA
[71] PONOMAREV, VLADIMIR, CA
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[54] **APPARATUS HAVING CLAMP DEVICE AND FORESTOCK-SUPPORT MEMBER FOR FIREARM**
[54] **APPAREILLAGE COMPORTANT UN DISPOSITIF DE PINCE ET UN ELEMENT DE SUPPORT DE FUT DESTINE A UNE ARME A FEU**
[72] MCDONALD, FRANKLIN A., CA
[71] MCDONALD, FRANKLIN A., CA
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[54] **ROOF EXHAUST**
[54] **ECHAPPEMENT DE TOIT**
[72] RAMSAY, SERGE, CA
[72] WILSON, JEAN, CA
[71] VENTILATION MAXIMUM LTEE, CA
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[54] **METHOD FOR INSPECTING AN INFRASTRUCTURE, COMPTON SCATTERING INSPECTION DEVICE AND METHOD OF OPERATING THEREOF**
[54] **METHODE D'INSPECTION D'UNE INFRASTRUCTURE, DISPOSITIF D'INSPECTION PAR DIFFUSION COMPTON ET METHODE DE FONCTIONNEMENT ASSOCIEE**
[72] DURETTE, SHAWN, CA
[71] INVERSA SYSTEMS LTD., CA
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[54] **FOOTWEAR FOR PROBLEM FEET**
[54] **CHAUSSURE DESTINEE A UN PIED AYANT UN PROBLEME**
[72] SAMARIN, RUTH L., CA
[71] SAMARIN, RUTH L., CA
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[54] **VISION CORRECTION SYSTEM, METHOD AND GRAPHICAL USER INTERFACE FOR IMPLEMENTATION ON ELECTRONIC DEVICES HAVING A GRAPHICAL DISPLAY**
[54] **SYSTEME DE CORRECTION DE LA VISION, METHODE ET INTERFACE UTILISATEUR GRAPHIQUE DESTINEE A LA MISE EN PLACE DE DISPOSITIFS ELECTRONIQUES AYANT UN AFFICHEUR GRAPHIQUE**
[72] HOUGH, NATHAN L., BB
[72] HOUGH, CHRISTOPHER J. S., BB
[72] SHARPE, JENNIFER K., BB
[72] HOUGH, RYAN M., BB
[72] VIGEANT, LUKE A., CA
[71] EVOLUTION OPTIKS LIMITED, VG
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[54] **SYSTEMES ET METHODES D'ESSAI NON DESTRUCTIF SUR DES PIECES**
[72] DEWALLE, BRIAN S., CA
[72] DEWALLE, JEFFREY G., CA
[72] DEWALLE, RICHARD T., CA
[71] DEWALLE, BRIAN S., CA
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[54] **MEMOIRE INFORMATIQUE UNIVERSELLE**
[72] PATEL, SURESHCHANDRA B., CA
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[54] **SYSTEMES ET METHODES D'ESSAI NON DESTRUCTIF SUR DES PIECES**
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[72] DEWALLE, JEFFREY G., CA
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[71] DEWALLE, JEFFREY G., CA
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[54] **PLOMB DE FUSIL A AIR FRANGIBLE, SANS PLOMB, PRECIS ET METHODE DE FABRICATION ASSOCIEE**
[72] LEBLANC, RUSSELL, CA
[71] LEBLANC, RUSSELL, CA
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[54] **CHAUFFE-EAU AU GAZ BIENERGIE/MULTIENERGIE**
[72] LESAGE, CLAUDE, CA
[71] MICLAU-S.R.I. INC., CA
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[54] **PREMIERE HYDROLIENNE SOUS-MARINE SANS BARRAGE AU MONDE SERVANT A PRODUIRE DE L'HYDROELECTRICITE A GRANDE ECHELLE POUR LA PRODUCTION DE CARBURANT SYNTHETIQUE A GRANDE ECHELLE D'HYDROGENE GAZEUX POUR LES NAVIRES, LES AERONEFS ET LES VEHICULES (PROCEDE KRISNA)**
[72] KRISHNAMOORTHY, SRINIVASAN, CA
[71] KRISHNAMOORTHY, SRINIVASAN, CA
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[54] **ELECTROBIOCHEMICAL REACTOR AND RELATED METHOD TO ENHANCE MICROBIAL/ENZYME FUNCTION IN TRANSFORMING OR REMOVING CONTAMINANTS FROM A LIQUID**
[54] **REACTEUR ELECTROBIOCHIMIQUE ET METHODE ASSOCIEE SERVANT A AMELIORER LA FONCTION MICROBIENNE/ENZYMATIQUE EN TRANSFORMANT OU EN ELIMINANT LES CONTAMINANTS D'UN LIQUIDE**
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[71] ADAMS, D. JACK, US
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[54] **POMPE A VIDE DE CONSTRUCTION LEGERE**
[72] WALDER, MARCEL, DE
[72] KOZIN, OLEKSANDR, DE
[72] SZCZEPANEK, REMIGIUS, DE
[72] WALLENFELS, JORG, DE
[72] GERSCHWINAT, ROLF, DE
[72] FROWEIN, KORNELIA, DE
[71] MAGNA POWERTRAIN BAD HOMBURG GMBH, DE
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[54] **CLOTURE AJUSTABLE**
[72] WU, CHUN-YIN, CN
[71] HUDSON HARDWARE & PLASTICS CO., LIMITED, CN
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[54] **DISPOSABLE DIAPHRAGM VALVE**
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[72] VELINOV, MARIO, US
[72] PARKER, ANDREW, US
[72] LAM, CHARLES, US
[72] MARTIN, LAWRENCE, US
[72] LA, CAN T., US
[71] DELAWARE CAPITAL FORMATION, INC., US
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[54] **INTELLIGENT COPYING HEAT TRANSFER PRINTER SPECIALIZED FOR CUES**
[54] **IMPRIMANTE A TRANSFERT DE CHALEUR A COPIAGE INTELLIGENT SPECIALISEE POUR LES REPERES**
[72] XIA, YANING, CN
[71] XIA, YANING, CN
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[54] **PLATEFORME INTEGREE DE PROGRAMMES DE FIDELITE**
[72] SUAREZX, ALEJENDRO, CA
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[25] EN
[54] **ROOF EXHAUST WITH COUNTERWEIGHTED DAMPER**
[54] **ECHAPPEMENT DE TOIT DOTE D'UN VOLET A CONTREPOIDS**
[72] RAMSAY, SERGE, CA
[72] WILSON, JEAN, CA
[71] RAMSAY, SERGE, CA
[71] RAMSAY, LINDA, CA
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[72] JAMES, TIM, US
[71] DOWCO, INC., US
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[54] **SYSTEM AND METHOD FOR TREATING PRODUCED WATER HAVING A FLASH VAPORIZATION SYSTEM FOR REMOVING DISSOLVED GASES FROM PRODUCED WATER**
[54] **SYSTEME ET METHODE DE TRAITEMENT D'EAU PRODUITE COMPORTANT UN SYSTEME DE VAPORISATION FLASH SERVANT A ELIMINER LES GAZ DISSOUTS DE L'EAU PRODUITE**
[72] NICHOLSON, MARK C., US
[71] VEOLIA WATER TECHNOLOGIES, INC., US
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[54] **TOTAL ANKLE TALAR PROSTHESIS WITH ANCHOR HOLES AND GROOVES**
[54] **PROTHESE TALIENNE TOTALE DE LA CHEVILLE DOTEE DE TROUS ET DE RAINURES D'ANCRAGE**
[72] DHILLON, BRAHAM K., US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[22] 2016-03-18
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[51] **Int.Cl. A61F 2/42 (2006.01)**
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[54] **MODULAR TALAR FIXATION METHOD AND SYSTEM**
[54] **METHODE ET SYSTEME DE FIXATION TALIENNE MODULAIRE**
[72] DHILLON, BRAHAM K., US
[72] MCGINLEY, SHAWN E., US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[22] 2016-03-22
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[13] A1
[51] **Int.Cl. G01N 3/00 (2006.01)**
[25] EN
[54] **ANALYSIS OF A STRUCTURE MODELED WITH INCONSISTENCIES MAPPED THEREON**
[54] **ANALYSE D'UNE STRUCTURE MODELISEE DANS LAQUELLE DES INCOHERENCES SONT INTEGREES**
[72] TAT, HONG HUE, US
[72] GREENE, KELLY M., US
[72] LIN, JOHN Z., US
[72] BREWER, CARLYN R., US
[72] KELLER, RUSSELL LEE, US
[71] THE BOEING COMPANY, US
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[54] **ROLLER CHAIN WITH CARRIER PLATES**
[54] **CHAINE DE ROULEMENT DOTEE DE PLAQUES PORTEUSES**
[72] WRIGHT, JOHN A., US
[71] DIAMOND CHAIN COMPANY, INC., US
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[41] 2017-02-19
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[54] **CASE WITH WEIGHTS FOR ADDING WEIGHT TO A BICYCLE**
[54] **PANIER AVEC POIDS SERVANT A AJOUTER DU POIDS A UN VELO**
[72] CONNELLY, MARK E., US
[71] CONNELLY, MARK E., US
[22] 2016-06-06
[41] 2017-02-21
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[54] **COMPOSITE FEEDSTOCK STRIPS FOR ADDITIVE MANUFACTURING AND METHODS OF FORMING THEREOF**
[54] **BANDES DE MATIERE PREMIERE COMPOSITES DESTINEES A LA FABRICATION ADDITIVE ET METHODES DE FORMAGE ASSOCIEES**
[72] WALDROP, JOHN C., III, US
[72] HAYES, MICHAEL W., US
[72] HICKMAN, GREGORY JAMES SCHOEPEN, US
[72] THOMPSON, MATTHEW S., US
[72] HEINZ, STEPHEN R., US
[71] THE BOEING COMPANY, US
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[54] **WELDING PROCESS WIRE FEEDER ADAPTER**
[54] **ADAPTATEUR D'ALIMENTATION DE FIL POUR UN PROCEDE DE SOUDAGE**
[72] BELLILE, BRIAN RANDALL, US
[72] STEIN, ALAN EDWARD, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2016-06-14
[41] 2017-02-25
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[25] EN
[54] **SYNERGETIC NOISE ABSORPTION AND ANTI-ICING FOR AIRCRAFTS**
[54] **ABSORPTION DE BRUIT SYNERGETIQUE ET ANTI-GIVRAGE DESTINES AUX AERONEFS**
[72] KHOZIKOV, VYACHESLAV, US
[72] LAN, JUSTIN H., US
[72] NESBITT, ERIC H., US
[72] FOLLET, JESSE L, US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **SYNERGETIC NOISE ABSORPTION AND ANTI-ICING FOR AIRCRAFTS**
[54] **ABSORPTION DE BRUIT SYNERGETIQUE ET ANTI-GIVRAGE DESTINES AUX AERONEFS**
[72] KHOZIKOV, VYACHESLAV, US
[72] FOLLET, JESSE L, US
[72] LAN, JUSTIN H., US
[72] NESBITT, ERIC H., US
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[54] **SURGICAL CLIP APPLIER**
[54] **APPLICATEUR DE PINCE CHIRURGICALE**
[72] MALKOWSKI, JAROSLAW T., US
[72] MEEHAN, CHRISTOPHER M., US
[72] CRESTON, BRIAN, US
[72] ROCKROHR, BRIAN, US
[72] ADDI, ERNEST, US
[72] ZAMMATARO, THOMAS, US
[71] COVIDIEN LP, US
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[54] **BATTERY ASSEMBLY, BATTERY CONTAINMENT APPARATUS, AND RELATED METHODS OF MANUFACTURE**
[54] **ASSEMBLAGE DE BATTERIE, APPAREIL DE CONFINEMENT DE BATTERIE ET METHODES DE FABRICATION ASSOCIEES**
[72] ASTON, RICHARD W., US
[72] BOHMAN, MICHAEL WILLIAM, US
[71] THE BOEING COMPANY, US
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[54] **GAS COMPRESSION SYSTEM FOR WELLBORE INJECTION, AND METHOD FOR OPTIMIZING GAS INJECTION**
[54] **SYSTEME DE COMPRESSION DE GAZ DESTINE A UNE INJECTION DANS UN PUITS DE FORAGE, ET METHODE D'OPTIMISATION DE L'INJECTION DE GAZ**
[72] ELMER, WILLIAM G., US
[71] ENCLINE ARTIFICIAL LIFT TECHNOLOGIES LLC, US
[22] 2016-07-05
[41] 2017-02-19
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[54] **MITIGATION OF SURFACE DISCONTINUITIES BETWEEN FLIGHT CONTROL SURFACES AND AN AIRFRAME OF AN AIRCRAFT**
[54] **ATTENUATION DES DISCONTINUITES DE SURFACE ENTRE LES SURFACES DE COMMANDE DE VOL ET UN FUSELAGE D'UN AERONEF**
[72] LOYET, JESSICA, US
[72] PITT, DALE M., US
[71] THE BOEING COMPANY, US
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[54] **MULTI-CLOUD NETWORK PROXY FOR CONTROL AND NORMALIZATION OF TAGGING DATA**
[54] **MANDATAIRE DE RESEAU MULTINUAGE DESTINE AU CONTROLE ET A LA NORMALISATION DE DONNEES DE BALISAGE**
[72] FOSKETT, ROGER, GB
[72] GULSVIG WOOD, CATHERINE RUTH, US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-07-06
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[54] **AIRCRAFT DISTRESS TRACKING AND INTERFACE TO SEARCH AND RESCUE SYSTEM, AND AIRCRAFT TRACKING METHOD AND DEVICE AND METHOD OF INSTALLATION**
[54] **SUIVI DE DETRESSE D'UN AERONEF ET INTERFACE DE SYSTEME DE RECHERCHE ET SAUVETAGE, ET METHODE DE SUIVI D'UN AERONEF ET DISPOSITIF ET METHODE D'INSTALLATION**
[72] MURPHY, TIMOTHY ALLEN, US
[71] THE BOEING COMPANY, US
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[54] **METHOD AND DEVICE FOR MITIGATING WIND NOISE IN A SPEECH SIGNAL GENERATED AT A MICROPHONE OF THE DEVICE**
[54] **METHODE ET DISPOSITIF D'ATTENUATION DU BRUIT DU VENT DANS UN SIGNAL DE VOIX PRODUIT AU MICROPHONE DU DISPOSITIF**
[72] LASKA, BRADY NICHOLAS, CA
[72] GORDY, JAMES DAVID, CA
[72] TETELBAUM, MICHAEL, CA
[71] BLACKBERRY LIMITED, CA
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[25] EN
[54] **OIL SCUPPER SYSTEM FOR BEARING HOUSING OF GAS TURBINE ENGINE**
[54] **SYSTEME DE DALOT D'HUILE DESTINE AU LOGEMENT DE PALIER D'UN MOTEUR DE TURBINE A GAZ**
[72] LEFEBVRE, GUY, CA
[72] DUROCHER, ERIC, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[54] **AUTOMOTIVE VENT FRESHENER**
[54] **ASSAINISSEUR DE VENTILATION D'AUTOMOBILE**
[72] D'AMICO, DANIEL, US
[71] SCENT2MARKET INC., US
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[25] EN
[54] **METHOD OF THERMALLY TREATING BLACK PLATE COATED WITH A CONVERSION COATING**
[54] **METHODE DE TRAITEMENT THERMIQUE DE PLAQUE NOIRE REVETUE D'UN REVETEMENT DE CONVERSION**
[72] MARMANN, ANDREA, DE
[72] LOMMEL, TANJA, DE
[72] SAUER, REINER, DE
[72] KASDORF, TATJANA, DE
[72] SCHLEICH, MARTIN, DE
[72] MALEJCZYK, MONIKA, DE
[72] RINK, HANS-PETER, DE
[71] THYSSENKRUPP RASSELSTEIN GMBH, DE
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[25] EN
[54] **WRAPPING-MATERIAL STORAGE UNIT AND CROP HARVESTING DEVICE**
[54] **MODULE DE RANGEMENT DE MATERIAU D'EMBALLAGE ET DISPOSITIF DE RECOLTE**
[72] GUERIN, SEBASTIEN, FR
[72] CHAPON, EMMANUEL, FR
[71] DEERE & COMPANY, US
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[54] **PACKING ELEMENT FOR A STRUCTURED PACKING WITH SPECIFIC MOUNTING CLIPS**
[54] **ELEMENT D'EMBALLAGE DESTINE A UN EMBALLAGE STRUCTURE AYANT DES PINCES DE MONTAGE SPECIFIQUES**
[72] KEHRER, FLORIAN, CH
[71] SULZER CHEMTECH AG, CH
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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 34/14 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SELECTOR VALVE FOR USE IN COMPLETION OPERATIONS**
[54] **VANNE DE SELECTEUR SERVANT AUX OPERATIONS DE COMPLETION**
[72] ANDREYCHUK, MARK, CA
[72] ANGMAN, PER, CA
[71] KOBOLD SERVICES INC., CA
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[51] **Int.Cl. B63H 21/38 (2006.01) B63H 21/14 (2006.01) F01P 3/20 (2006.01)**
[25] EN
[54] **MARINE ENGINE STRAINER ASSEMBLY**
[54] **DISPOSITIF DE FILTRE DE MOTEUR MARIN**
[72] KIMBALL, KEVIN J., US
[72] MASHBURN, RACHEL M., US
[72] STIMMEL, JASON C., US
[72] VETZEL, JASON, US
[71] INDMAR PRODUCTS COMPANY INC., US
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[54] **RESERVOIR CAP SOCKET**
[54] **DOUCHE DE BOUCHON DE RESERVOIR**
[72] DEVECCHIS, MARCO, US
[71] SNAP-ON INCORPORATED, US
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[54] **DICHLOROSILANE COMPENSATING CONTROL STRATEGY FOR IMPROVED POLYCRYSTALLINE SILICON GROWTH**
[54] **STRATEGIE DE CONTROLE COMPENSANT LE DICHLOROSILANE EN VUE D'AMELIORER LA CROISSANCE DE SILICIUM POLYCRISTALLIN**
[72] BUCCI, JOHN VICTOR, US
[72] STACHOWIAK, MARK RICHARD, US
[72] STIBITZ, CHARLES ALLAN, US
[71] HEMLOCK SEMICONDUCTOR CORPORATION, US
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[54] **ANNULAR=PLEATED CIRCULAR BRAID**
[54] **TRESSE CIRCULAIRE A PLISSE ANNULAIRE**
[72] RAGNER, GARY DEAN, US
[71] RAGNER TECHNOLOGY CORPORATION, US
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[51] **Int.Cl. A61K 33/00 (2006.01) A23L 33/16 (2016.01) A23L 2/52 (2006.01) C02F 1/68 (2006.01)**
[25] EN
[54] **OXYGEN-ENRICHED WATER COMPOSITION, BIOCOMPATIBLE COMPOSITION COMPRISING THE SAME, AND METHODS OF PREPARING AND USING THE SAME**
[54] **COMPOSITION D'EAU ENRICHIE D'OXYGENE, COMPOSITION BIOCOMPATIBLE EN RENFERMANT ET METHODES DE PREPARATION ET D'UTILISATION ASSOCIEES**
[72] WU, TANG MING, TW
[71] OXY YOUNG CO., LTD., TW
[22] 2016-08-03
[41] 2017-02-25
[30] TW (104127596) 2015-08-25
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[51] **Int.Cl. B60R 21/235 (2006.01)**
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[54] **AIRBAG COATING**
[54] **REVETEMENT DE COUSSIN GONFLABLE**
[72] KESHAVARAJ, RAMESH, US
[71] MILLIKEN & COMPANY, US
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[51] **Int.Cl. F25B 7/00 (2006.01) F25B 9/00 (2006.01) F25B 39/00 (2006.01)**
[25] EN
[54] **CARBON DIOXIDE COOLING SYSTEM WITH SUBCOOLING**
[54] **SYSTEME DE REFROIDISSEMENT AU DIOXYDE DE CARBONE A REFROIDISSEMENT SECONDAIRE**
[72] USELTON, ROBERT B., US
[71] LENNOX INDUSTRIES INC., US
[22] 2016-08-08
[41] 2017-02-20
[30] US (62/207,788) 2015-08-20
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[51] **Int.Cl. F03D 1/06 (2006.01)**
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[54] **WIND TURBINE BLADE WITH TRIPPING DEVICE AND METHOD THEREOF**
[54] **PALE D'EOLIENNE DOTEE D'UN MECANISME DE BASCULE ET METHODE ASSOCIEE**
[72] SUN, YUPING, US
[71] ENVISION ENERGY (JIANGSU) CO., LTD., CN
[22] 2016-08-08
[41] 2017-02-19
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[25] EN
[54] **CONTROL PROGRAM FOR ACCESSING BROWSER DATA AND FOR CONTROLLING APPLIANCE**
[54] **PROGRAMME DE CONTROLE D'ACCES AUX DONNEES DE NAVIGATEUR ET DE COMMANDE D'APPAREIL ELECTROMENAGER**
[72] PIRNER, THOMAS, CA
[71] PIRNER, KATRINA D., CA
[22] 2016-08-05
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[25] EN
[54] **NORMALLY-OPEN BACKWATER VALVE WITH SUSPENDED FLAPPER**
[54] **CLAPET ANTIRETOUR NORMALEMENT OUVERT DOTE D'UN BATTANT SUSPENDU**
[72] XU, ZHENGYI, US
[72] GRODJESK, HARVEY, US
[71] THE RECTORSEAL CORPORATION, US
[22] 2016-08-05
[41] 2017-02-19
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[30] US (62/398,040) 2016-02-16
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[13] A1
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[54] **STIR-CYCLE MOTOR**
[54] **MOTEUR A CYCLE DE MELANGE**
[72] HOLLISTER, MICHAEL CHRISTOPHER, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2016-08-09
[41] 2017-02-24
[30] US (14/833,915) 2015-08-24

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[13] A1
[51] **Int.Cl. A63F 3/06 (2006.01) G07F 17/32 (2006.01)**
[25] EN
[54] **PROGRESSIVE JACKPOT ASSOCIATED WITH DEALS OF PRE-PRINTED TICKETS DISPENSED AT MULTIPLE LOCATIONS BY CASHIERS**
[54] **CAGNOTTE PROGRESSIVE ASSOCIEE AUX ACHATS DE BILLETS PREIMPRIMES DISTRIBUES DANS PLUSIEURS ENDROITS PAR DES CAISSIERS**
[72] BRESLO, JAMES A., US
[72] BRESLO, WILLIAM F., US
[71] DIAMOND GAME ENTERPRISES, US
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[41] 2017-02-20
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[13] A1
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[25] EN
[54] **TICKET CHECKER FOR ACTIVATING WINNING PRE-PRINTED GAME TICKETS SO AS TO PERMIT REDEMPTION OF THE TICKETS**
[54] **VERIFICATEUR DE BILLET SERVANT A ACTIVER LES BILLETS DE JEU PREIMPRIMES GAGNANTS DE SORTE A PERMETTRE LE REMBOURSEMENT DES BILLETS**
[72] BRESLO, JAMES A., US
[72] BRESLO, WILLIAM F., US
[71] DIAMOND GAME ENTERPRISES, US
[22] 2016-08-10
[41] 2017-02-20
[30] US (62/207,602) 2015-08-20
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[13] A1
[51] **Int.Cl. E05F 15/73 (2015.01)**
[25] EN
[54] **OBJECT DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION D'OBJET**
[72] FITZGIBBON, JAMES J., US
[71] THE CHAMBERLAIN GROUP, INC., US
[22] 2016-08-10
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[51] **Int.Cl. G06Q 30/00 (2012.01) G07G 1/12 (2006.01)**
[25] EN
[54] **SYSTEM FOR REDUCING WAITING TIME**
[54] **PROCEDE DE REDUCTION DU TEMPS D'ATTENTE**
[72] SIVASANKARANNAIR, OONNIKRISHNAN PULIYELIL, IN
[72] KUMAR, PRALABH, IN
[72] MANNA, SOURIT, IN
[72] KABRA, PRANAV, IN
[71] WAL-MART STORES, INC., US
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[13] A1
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[25] EN
[54] **NFC TO CUSTOMER PROFILE SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE PROFILAGE CCP-CLIENT**
[72] WHITE, RICHARD ANDREW, US
[72] CLARK, JIMMIE R., US
[72] JOHNSON, CHRISTOPHER SOAMES, US
[71] WAL-MART STORES, INC., US
[22] 2016-08-10
[41] 2017-02-21
[30] US (62/208,214) 2015-08-21

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[13] A1
[51] **Int.Cl. F25B 40/02 (2006.01) F25B 49/00 (2006.01)**
[25] EN
[54] **CARBON DIOXIDE COOLING SYSTEM WITH SUBCOOLING**
[54] **SYSTEME DE REFROIDISSEMENT AU DIOXYDE DE CARBONE A REFROIDISSEMENT SECONDAIRE**
[72] USELTON, ROBERT B., US
[71] LENNOX INDUSTRIES INC., US
[22] 2016-08-10
[41] 2017-02-20
[30] US (62/207,788) 2015-08-20
[30] US (14/955,359) 2015-12-01

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[13] A1
[51] **Int.Cl. A61F 13/08 (2006.01) A61B 5/107 (2006.01) A61F 13/06 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING A SIZE GRID**
[54] **METHODE DE DETERMINATION DE LA TAILLE D'UNE MAILLE**
[72] BASSEZ, SOPHIE, FR
[72] CROS, FRANCOIS, FR
[71] LABORATOIRES INNOTHERA, FR
[22] 2016-08-09
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[54] **STRUCTURE DE JOINT A L'EXTREMITE D'UNE DALLE DE BETON DE TABLIER DE PONT**
[72] MORII, NAOHARU, JP
[71] BILD LAND CO., LTD., JP
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[54] **RACCORD DE LICE FLEXIBLE**
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[71] EARLS, MICHAEL, IE
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[54] **ANTICORPS INHIBITEURS DE VOIE DE FACTEUR TISSULAIRE**
[72] APGAR, JAMES R., US
[72] BENARD, SUSAN, US
[72] CARVEN, GREGORY J., US
[72] HETT, SUNITA R., US
[72] HOLSTI, MATTHEW, US
[72] JASUJA, REEMA, US
[72] JIN, MACY, US
[72] JUO, ZONG SEAN, US
[72] PITTMAN, DEBRA, US
[72] STAHL, MARK, US
[71] PFIZER INC., US
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[54] **THREE-PORT VARIABLE POWER DIVIDER**
[54] **REPARATITEUR DE PUISSANCE VARIABLE A TROIS PORTS**
[72] KROENING, ADAM M., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-08-16
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[54] **BOITIER PROTECTEUR DESTINE A UN DISPOSITIF DE COMMUNICATION ELECTRONIQUE MOBILE**
[72] FLORES, JESSE, US
[72] LAKE, BRENDAN HINGSTON, HK
[72] MCLEAN, DANIEL, HK
[72] LI, JIACAI, HK
[71] PELICAN PRODUCTS, INC., US
[22] 2016-08-16
[41] 2017-02-19
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[54] **CRADLE-CASE COMBINATION WITH MAGNETIC FASTENER FEATURE**
[54] **COMBINAISON DE BERCEAU-BOITIER DOTE D'UNE FONCTIONNALITE DE FIXATION MAGNETIQUE**
[72] SIRICHAI, SARAHUT, TH
[71] WORLD RICHMAN MANUFACTURING CORPORATION, US
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[54] **UNIVERSAL DEVICE-HOLDING CASE CONSTRUCTION WITH MAGNETIC FASTENER FEATURE**
[54] **CONSTRUCTION DE BOITIER DE MAINTIEN DE DISPOSITIF UNIVERSEL DOTE D'UNE CARACTERISTIQUE DE FIXATION MAGNETIQUE**
[72] SIRICHAI, SARAHUT, TH
[71] WORLD RICHMAN MANUFACTURING CORPORATION, US
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[54] **FIRE DOOR STOP SYSTEM**
[54] **MECANISME D'ARRET DE PORTE COUPE-FEU**
[72] NOBLE, CHARLES A., III, US
[71] CROWN FIRE DOOR PRODUCTS, INC., US
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[54] **PROGNOSTICATING PANIC SITUATIONS AND PRE-SET PANIC NOTIFICATION IN A SECURITY SYSTEM**
[54] **ETABLISSEMENT DE PRONOSTICS DE SITUATIONS DE PANIQUE ET D'AVIS DE PANIQUE DANS UN SYSTEME DE SECURITE**
[72] SCARIA, NIKHIL, US
[72] GAURAV, GALIB, US
[72] K, CHAITHRA MANDANNA, US
[72] PARASI, SUNIL, US
[72] KRISHNAMURTHY, DIVYASHREE, US
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[54] **HAMMER TACKER**
[54] **MARTEAU CLOUEUR**
[72] PELLETIER, THOMAS, US
[72] WU, KUN-TA, TW
[71] STANLEY BLACK & DECKER, INC., US
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[54] **HAIR STYLING UTENSIL**
[54] **INSTRUMENT DE COIFFURE**
[72] TRELLES-TVEDE, SOPHIE, DE
[71] INVISIBOBBLE GMBH, DE
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[54] **CARTILAGE-DERIVED IMPLANTS AND METHODS OF MAKING AND USING SAME**
[54] **IMPLANTS DERIVES DE CARTILAGE ET METHODE DE FABRICATION ET D'UTILISATION**
[72] NASERT, MICHAEL A., US
[72] STOFFEL, FLORENCE, US
[72] WILLIAMS, PAUL R., US
[72] CALLAHAN, ALEX, US
[71] MUSCULOSKELETAL TRANSPLANT FOUNDATION, US
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[54] **SPERM COUNT QUALITY CONTROLS**
[54] **CONTROLES DE QUALITE DU COMPTE DE SPERMES**
[72] HUNSLEY, BRAD, US
[72] HORSTMAN, CATHY, US
[72] MCCARTHY, KITTY, US
[71] STRECK, INC., US
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[54] **NETWORK SERVICE INCIDENT PREDICTION**
[54] **PREDICTION D'INCIDENT DE SERVICE DE RESEAU**
[72] DUNCAN, PETER T., US
[72] SAREEN, KUNDAN LAL, US
[72] ADVANI, JAI, US
[72] CHAKRABORTY, ARNAB D., IN
[72] NAIR, VINITA V., IN
[72] VENKATARAMAN, VINOTH, IN
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **DRAIN ASSISTING WATER FIXTURE**
[54] **ROBINET ASSISTE PAR EVACUATION**
[72] FOSTER, KEVIN J., CA
[71] FOSTER, KEVIN J., CA
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[51] **Int.Cl. F15C 3/02 (2006.01)**
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[54] **SPOOL VALVE WITH SPECIAL METERING CONFIGURATION FOR HYDRAULIC VALVE MAIN CONTROL SPEED**
[54] **DISTRIBUTEUR DOTE D'UNE CONFIGURATION DE DOSAGE SPECIALE DE LA VITESSE DE COMMANDE PRINCIPALE D'UNE VANNE HYDRAULIQUE**
[72] GUARINO, JOSHUA MATTHEW, US
[71] PARKER-HANNIFIN CORPORATION, US
[22] 2016-08-12
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[54] **WASTEWATER TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT D'EAUX USEES**
[72] SCROGGINS, DANNY LEE, CA
[71] BLUMETRIC ENVIRONMENTAL INC., CA
[22] 2016-08-19
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[54] **TRAILER STABILIZER AND RESTRAINT**
[54] **DISPOSITIF STABILISATEUR ET LIMITATEUR DE REMORQUE**
[72] KIMENER, THOMAS TERRENCE, US
[71] STABILOCK, LLC, US
[22] 2016-08-19
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[54] **APPLICATION SOFTWARE FOR MOVABLE BARRIER OPERATION**
[54] **LOGICIEL D'APPLICATION DESTINE AU FONCTIONNEMENT DE BARRIERE MOBILE**
[72] FITZGIBBON, JAMES J., US
[71] THE CHAMBERLAIN GROUP, INC., US
[22] 2016-08-19
[41] 2017-02-24
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[54] **A METHOD AND SYSTEM FOR MONITORING PREGNANCY TOXAEMIA**
[54] **METHODE ET SYSTEME DE SURVEILLANCE DE LA TOXEMIE GRAVIDIQUE**
[72] CARTON, BERNARD, BE
[71] CARTON, BERNARD, BE
[22] 2016-08-19
[41] 2017-02-21
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[54] **BIOREACTOR FOR THE IN SITU STUDY OF MICROBIAL BIOFILMS INDUCING CORROSION ON METAL SURFACES**
[54] **BIOREACTEUR DESTINE A L'ETUDE SUR PLACE DE BIOFILMS MICROBIENS INDUISANT LA CORROSION SUR LES SURFACES METALLIQUES**
[72] ZAPATA PENASCO, NORMA ICOQUIH, MX
[72] FEBLES, VICENTE GARIBAY, MX
[72] GUERRERO, FLORENTINO LEYTE, MX
[72] PACHECO Y ALCALA, UBALDO SADOTT, MX
[72] MENDOZA PEREZ, JORGE ALBERTO, MX
[72] JUAREZ ROJO, JESUS EMMANUEL, MX
[71] INSTITUTO MEXICANO DEL PETROLEO, MX
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[54] **CAGE VALVE WITH INSTRUMENTATION**
[54] **VANNE A CAGE EQUIPEE D'INSTRUMENT**
[72] BOHAYCHUK, LARRY J., CA
[72] FINLAYSON, DOUGLAS A., US
[71] MASTER FLO VALVE INC., CA
[22] 2016-08-18
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[54] **RELEASABLE HOLDER FOR CABLES AND CONDUIT**
[54] **SUPPORT AMOVIBLE POUR CABLES ET CONDUIT**
[72] GINTZ, WILLIAM GARY, US
[71] GINTZ, WILLIAM GARY, US
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[54] **PLURAL-MODE AUTOMATIC MEDICAMENT PACKAGING SYSTEM**
[54] **SYSTEME DE CONDITIONNEMENT DE MEDICAMENT AUTOMATIQUE MULTIMODE**
[72] CHUDY, DUANE S., US
[71] CHUDY GROUP, LLC, US
[22] 2016-08-22
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[54] **ELASTIC VENOUS COMPRESSION ORTHOSIS**
[54] **ORTHESE DE COMPRESSION VEINEUSE ELASTIQUE**
[72] SLASKI, JEAN-PIERRE, FR
[71] LABORATOIRES INNOTHERA, FR
[22] 2016-08-19
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[72] SLASKI, JEAN-PIERRE, FR
[71] LABORATOIRES INNOTHERA, FR
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[54] **LOCAL CACHE MAINTENANCE FOR MEDIA CONTENT**
[54] **MAINTENANCE DE CACHE LOCAL DE CONTENU MEDIA**
[72] GILSON, ROSS, US
[72] YARNELL, DERIK, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2016-08-19
[41] 2017-02-21
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[51] **Int.Cl. F02C 7/24 (2006.01) F02C 3/14 (2006.01) F23R 3/42 (2006.01)**
[25] EN
[54] **SYSTEM FOR SUPPRESSING ACOUSTIC NOISE WITHIN A GAS TURBINE COMBUSTOR**
[54] **SYSTEME DE SUPPRESSION DE BRUIT ACOUSTIQUE DANS UNE CHAMBRE DE COMBUSTION DE TURBINE A GAZ**
[72] KIM, KWANWOO, US
[72] HAN, FEI, US
[72] GRAHAM, OWEN, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **COATED SEAL SLOT SYSTEMS FOR TURBOMACHINERY AND METHODS FOR FORMING THE SAME**
[54] **SYSTEMES DE FENTE DE JOINT REVETU DESTINES A LA TURBOMACHINERIE ET METHODES DE FORMAGE ASSOCIEES**
[72] BANCHIERI, STEPHEN FRANCIS, US
[72] VENKATARAMANI, VENKAT SUBRAMANIAM, US
[72] KIRBY, GLEN HAROLD, US
[72] SARAWATE, NEELESH NANDKUMAR, US
[72] ANTOLINO, NICHOLAS EDWARD, US
[72] SEVINCER, EDIP, US
[72] MARIN, ANTHONY CHRISTOPHER, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **ADJUSTABLE INTERFACE PRESSURE DEVICE**
[54] **DISPOSITIF DE PRESSION D'INTERFACE AJUSTABLE**
[72] MARAPPAN, BHARATH, IN
[72] KUPPAN, SKANDAN BERIKAI, IN
[71] GOODRICH AEROSPACE SERVICES PRIVATE LIMITED, IN
[22] 2016-08-19
[41] 2017-02-20
[30] IN (4365/CHE/2015) 2015-08-20

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[25] EN
[54] **ROLLING HARROW/ROLLER TILLAGE TOOL**
[54] **OUTIL DE TRAVAIL DU SOL A ROULEAU/HERSE ROULANTE**
[72] HILVERS, MICHAEL J., US
[72] STEFFAN, THOMAS, US
[72] GERDEMAN, SHAWN W., US
[71] UNVERFERTH MANUFACTURING COMPANY, INC., US
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[51] **Int.Cl. A01B 63/24 (2006.01) A01B 21/08 (2006.01) A01B 33/02 (2006.01)**
[25] EN
[54] **FARM IMPLEMENT FOR TILLING SOIL**
[54] **ACCESSOIRE AGRICOLE DE TRAVAIL DU SOL**
[72] HILVERS, MICHAEL J., US
[72] SMITH, DAVID R., US
[72] STEFFAN, THOMAS, US
[72] GERDEMAN, SHAWN W., US
[71] UNVERFERTH MANUFACTURING COMPANY, INC., US
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[51] **Int.Cl. C30B 13/28 (2006.01) C30B 13/24 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DIRECT WRITING OF SINGLE CRYSTAL SUPER ALLOYS AND METALS**
[54] **APPAREIL ET METHODE D'ECRITURE DIRECTE DE SUPER ALLIAGES ET DE METAUX A UN CRISTAL**
[72] CARTER, WILLIAM THOMAS, US
[72] ROCKSTROH, TODD JAY, US
[72] KONITZER, DOUGLAS GERARD, US
[71] GENERAL ELECTRIC COMPANY, US
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[30] US (14/830,759) 2015-08-20

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[51] **Int.Cl. C23C 10/04 (2006.01) C23C 10/60 (2006.01)**
[25] EN
[54] **METHOD FOR ALTERING METAL SURFACES**
[54] **METHODE DE MODIFICATION DE SURFACES METALLIQUES**
[72] DIAL, LAURA CERULLY, US
[72] CARTER, WILLIAM THOMAS, US
[72] GIGLIOTTI, MICHAEL FRANCIS XAVIER, JR., US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **SYSTEMS, METHODS, AND DEVICES FOR BIPOLAR HIGH VOLTAGE DIRECT CURRENT ELECTRICAL POWER DISTRIBUTION**
[54] **SYSTEMES, METHODES ET DISPOSITIFS DE DISTRIBUTION D'ALIMENTATION ELECTRIQUE DE COURANT CONTINU HAUTE TENSION BIPOLAIRE**
[72] HANDY, PETER JAMES, GB
[71] GE AVIATION SYSTEMS LIMITED, GB
[22] 2016-08-18
[41] 2017-02-20
[30] GB (1514878.6) 2015-08-20

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[54] **SUTURING TRAINING DEVICE AND METHOD**
[54] **DISPOSITIF D'ENTRAINEMENT A LA SUTURE ET METHODE**
[72] HOLLOWAY, DANIEL, CA
[71] UTI LIMITED PARTNERSHIP, CA
[22] 2016-08-19
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[30] US (62207464) 2015-08-20

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[54] **COUPLING**
[54] **RACCORD**
[72] GRAY, ROGER, GB
[72] SCHNEIDER, GEORG, DE
[71] CROOZER GMBH, DE
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[54] **PRESSE-ETOUPE**
[72] HAYNES, ANDREW LEO, NZ
[72] MORROW, CHRISTOPHER CHARLES, NZ
[72] GIURGIU, GABRIEL IOAN, NZ
[71] LAKE PRODUCTS LIMITED, NZ
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[51] **Int.Cl. A61B 18/04 (2006.01) A61B 34/00 (2016.01)**
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[54] **SYSTEME DE COMMUTATION TELEPHONIQUE, METHODE DE COMMUTATION TELEPHONIQUE, PROGRAMME DE COMMUTATION TELEPHONIQUE, TABLEAU DE COMMUTATION TELEPHONIQUE ET TERMINAL DE GESTION**
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[54] **METHODES DE TRAITEMENT DU CANCER PAR DES ANTAGONISTES DE PD-1 ET PD-L1 EN ASSOCIATION AVEC UNE RADIOTHERAPIE**
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[54] **SYSTEME DE GENERATION D'AEROSOL A REGULATION D'ECOULEMENT D'AIR AMELIOREE**
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[72] ANIBALDI, MAURO, IT
[72] ZENONI, MAURIZIO, IT
[72] COCCHI, FABRIZIO, IT
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[54] **SYSTEME DE GENERATION D'AEROSOL COMPRENANT UN DISPOSITIF DE CHAUFFAGE AMOVIBLE**
[72] BATISTA, RUI NUNO, CH
[72] HEDARCHET, STEPHANE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **SYSTEME DE GENERATION D'AEROSOL COMPRENANT UNE DETECTION DE CARTOUCHE**
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[54] **DISPOSITIF, SYSTEME ET METHODE UTILISES POUR TRAITER UNE REGURGITATION VALVULAIRE**
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[72] BOMATI, ERIN, US
[72] HE, MOLLY, US
[71] ILLUMINA, INC., US
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[54] **APPAREIL DE SUSPENSION D'UNE CHARGE A UN FILIN**
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[54] **PARTICULES D'INHALATION COMPRENANT UNE COMBINAISON D'UN ANTICHOLINERGIQUE, D'UN CORTICOSTEROIDE ET D'UN BETA-ADRENERGIQUE**
[72] MIOZZI, MICHELE, IT
[72] ROUSE, TIMOTHY J., IT
[72] BRAMBILLA, GAETANO, IT
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[54] **DERIVES D'IMIDAZOPYRIDAZINE UTILISES COMME MODULATEURS DE L'ACTIVITE DES RECEPTEURS GABAA**
[72] OWEN, ROBERT MCKENZIE, GB
[72] PRYDE, DAVID CAMERON, GB
[72] TAKEUCHI, MIFUNE, GB
[72] WATSON, CHRISTINE ANNE LOUISE, GB
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[54] **DERIVES DE PYRAZOLOPYRIMIDINE UTILES COMME INHIBITEURS DE LA TYROSINE KINASE DE BRUTON**
[72] CALDER, MATHEW, GB
[72] GUISOT, NICOLAS E. S., GB
[71] REDX PHARMA PLC, GB
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[54] **ENSEMBLE VAPORISATEUR**
[72] BUCHBERGER, HELMUT, AT
[72] DICKENS, COLIN JOHN, GB
[71] BATMARK LIMITED, GB
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[72] IKEDA, SHUHEI, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[72] EYUBOGLU, VEDAT, US
[72] MAHALINGAM, NAGI JAYARAMAN, GB
[72] RAGHOTHAMAN, BALAJI, US
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[54] **METHODE POUR DIMINUER LES LESIONS DES MUSCLES SQUELETTIQUES ET/OU LE STRESS OXYDATIF CHEZ LES MAMMIFERES**
[72] LOPEZ, JOHNNY, US
[72] OWEN, KEVIN, US
[72] WOODWORTH, JASON, US
[72] COON, CRAIG, US
[72] COLLINGS, GEORGE, US
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[54] **APPAREIL POUR LE REVETEMENT D'UN SUBSTRAT**
[72] MASSON, STEPHANE, FR
[71] UMICORE AG & CO. KG, DE
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[54] **PRESSE A VIS SANS FIN POUR COMPRIMER ET DESHYDRATER UNE SUSPENSION**
[72] OERTIG, MICHAEL, CH
[72] GSPONER, PATRIK DANIEL, CH
[72] SCHMIDT, DANIEL, CH
[71] HITACHI ZOSEN INOVA AG, CH
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[54] **METHOD FOR SELECTING PERSONALIZED TRI-THERAPY FOR CANCER TREATMENT**
[54] **METHODE DE SELECTION DE TRI-THERAPIE PERSONNALISEE POUR LE TRAITEMENT DU CANCER**
[72] LAZAR, VLADIMIR, FR
[71] WORLDWIDE INNOVATIVE NETWORK, FR
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[54] **THERAPIE COMBINATOIRE D'IMMUNOCYTOKINES A VARIANT DE L'IL -2 CIBLEES THERAPIE TUMORALE ET D'ANTICORPS ANTI-PD-L1 HUMAINE**
[72] UMANA, PABLO, CH
[72] KLEIN, CHRISTIAN, CH
[72] NICOLINI, VALERIA G., CH
[71] F.HOFFMANN-LA ROCHE AG, CH
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[72] DAVE, EMMA, GB
[72] HEYWOOD, SAM PHILIP, GB
[72] HUMPHREYS, DAVID PAUL, GB
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[72] SILTBERG, DANIEL, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **METHODOLOGIES DE MESURE DE L'ACTIVITE DE L'ISOPEPTIDASE DANS DES ECHANTILLONS BIOLOGIQUES A HAUT RENDEMENT**
[72] JACQ, XAVIER, GB
[72] GUERANGER, QUENTIN, GB
[72] HARRIGAN, JEANINE ANN, GB
[71] MISSION THERAPEUTICS LIMITED, GB
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[54] **SYSTEME DE CULTURE DE CELLULES AUTOMATISE ET PROCEDES ASSOCIES**
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[72] TANG-SCHOMER, MIN, US
[71] BEIGHLEY, ROSS, US
[71] CONNECTICUT CHILDREN'S MEDICAL CENTER, US
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[54] **FORMULATIONS D'OXYMETAZOLINE STABILISEES ET LEURS UTILISATIONS**
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[72] WARNER, KEVIN, US
[72] ZHANG, STEVEN, US
[72] AHLUWALIA, GURPREET, US
[72] KUANG, AMY, US
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[54] **DERIVES DE TETRAHYDROTRIAZOLOPYRIMIDINE, COMPOSITIONS PHARMACEUTIQUES LES CONTENANT ET UTILISATIONS**
[72] ARMANI, ELISABETTA, IT
[72] CAPALDI, CARMELIDA, IT
[72] SUTTON, JONATHAN MARK, IT
[72] HEALD, ROBERT ANDREW, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
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[25] EN
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[54] **EXPANSION DE LYMPHOCYTES AVEC UNE COMPOSITION DE CYTOKINE POUR IMMUNOTHERAPIE CELLULAIRE ACTIVE**
[72] MAEURER, MARKUS, SE
[71] POLYBIOCEPT AB, SE
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[54] **ENDOTOXINES DE DEMASQUAGE EN SOLUTION**
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[72] GRALLERT, HOLGER, DE
[71] HYGLOS INVEST GMBH, DE
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[25] FR
[54] **METHOD FOR ASSEMBLING A SET OF COMPOSITE PARTS, AND ASSEMBLY OBTAINED BY SUCH A METHOD**
[54] **PROCEDE D'ASSEMBLAGE D'UN ENSEMBLE DE PIECES COMPOSITES ET ENSEMBLE OBTENU PAR UN TEL PROCEDE**
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[72] BLANCHEGEORGE, CEDRIC, FR
[72] MINARD, ELRIC, FR
[71] DAHER AEROSPACE, FR
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[54] **PALE D'EOLIENNE**
[72] ARCE, CARLOS, DK
[71] LM WP PATENT HOLDING A/S, DK
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[54] **DISPOSITIF DE SUPPORT POUR ACCESSOIRES D'AQUARIUM**
[72] BRESOLIN, VALERIO, IT
[71] HYDOR SRL, IT
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[25] EN
[54] **INHIBITION OF SILICA SCALE USING AMINE-TERMINATED POLYOXYALKYLENE**
[54] **INHIBITION DU TARTRE DE SILICE AU MOYEN DE POLYOXYALKYLENE A TERMINAISON AMINE**
[72] MEHTA, SOMIL C., IN
[72] DUFOUR, ALAIN, FR
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
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[25] EN
[54] **N-(CYANOMETHYL)-4-(2-(4-MORPHOLINOPHENYLAMINO)PYRIMIDIN-4-YL)BENZAMIDE HYDROCHLORIDE SALTS**
[54] **SELS DE CHLORHYDRATE DE N-(CYANOMETHYL)-4-(2-(4-MORPHOLINOPHENYLAMINO)PYRIMIDIN-4-YL)BENZAMIDE**
[72] BROWN, BRANDON H., US
[72] CARRA, ERNEST A., US
[72] HEMENWAY, JEFFREY N., US
[72] MORRISON, HENRY, US
[72] REYNOLDS, TROY, US
[72] SHI, BING, US
[72] STEFANIDIS, DIMITRIOS, US
[72] WANG, FANG, US
[72] WARR, MATTHEW ROBERT, US
[72] WHITNEY, JAMES ANDREW, US
[72] XIN, YAN, US
[71] GILEAD SCIENCES, INC., US
[85] 2016-12-09
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[87] (WO2015/191846)
[30] US (62/011,315) 2014-06-12

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[13] A1
[51] **Int.Cl. C08G 65/28 (2006.01) C08G 18/48 (2006.01) C08G 63/668 (2006.01) C10G 1/00 (2006.01)**
[25] EN
[54] **ALKOXYLATED BIO-OIL POLYOL COMPOSITIONS**
[54] **COMPOSITIONS DE POLYOL DE BIO-HUILE ALCOXYLE**
[72] GARBARK, DANIEL, US
[72] BENECKE, HERMAN, US
[72] MOORE, MEGAN, US
[72] PERRY, MARK J., US
[72] CAFMEYER, JEFFREY T., US
[71] BATTELLE MEMORIAL INSTITUTE, US
[85] 2016-12-09
[86] 2015-06-11 (PCT/US2015/035443)
[87] (WO2015/191936)
[30] US (62/011,005) 2014-06-11

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[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **RESTRICTED CODE SIGNING**
[54] **SIGNATURE DE CODE LIMITEE**
[72] MEDVINSKY, ALEXANDER, US
[72] NEGAHDAR, ALI, US
[72] QIU, XIN, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-12-09
[86] 2015-06-11 (PCT/US2015/035440)
[87] (WO2015/191933)
[30] US (62/010,761) 2014-06-11
[30] US (14/737,463) 2015-06-11

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[51] **Int.Cl. C07D 413/06 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS AND METHODS OF USE THEREOF**
[54] **COMPOSES HETEROCYCLIQUES ET LEURS METHODES D'UTILISATION**
[72] LIANG, TSANYANG, US
[72] HU, ZONGYI, US
[72] MARUGAN, JUAN JOSE, US
[72] SOUTHALL, NOEL TERRENCE, US
[72] HE, SHANSHAN, US
[72] HU, XIN, US
[72] XIAO, JINGBO, US
[72] FERRER, MARC, US
[72] ZHENG, WEI, US
[72] FRANKOWSKI, KEVIN J., US
[72] SCHOENEN, FRANK J., US
[72] LI, KELIN, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[71] UNIVERSITY OF KANSAS, US
[85] 2016-12-09
[86] 2015-06-12 (PCT/US2015/035658)
[87] (WO2015/192077)
[30] US (62/011,462) 2014-06-12

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[25] EN
[54] **OMEGA-HYDROXYLASE-RELATED FUSION POLYPEPTIDES WITH IMPROVED PROPERTIES**
[54] **POLYPEPTIDES DE FUSION ASSOCIES A OMEGA-HYDROXYLASE A PROPRIETES AMELIOREES**
[72] ZHU, BAOLONG, US
[72] SCHIRMER, ANDREAS W., US
[72] CHANG, CINDY, US
[71] REG LIFE SCIENCES, LLC, US
[85] 2016-12-09
[86] 2015-06-16 (PCT/US2015/036078)
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[30] US (62/012,970) 2014-06-16

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[51] **Int.Cl. A23L 5/20 (2016.01) A23K 10/30 (2016.01) A23L 7/10 (2016.01)**
[25] EN
[54] **METHOD FOR EXTRACTING CONTAMINANTS FROM AGRARIAN PRODUCTS AND APPARATUS THEREFOR**
[54] **PROCEDE POUR EXTRAIRE DES CONTAMINANTS CONTENUS DANS DES PRODUITS AGRICOLES ET DISPOSITIF POUR METTRE LEDIT PROCEDE EN OEUVRE**
[72] BINDER, EVA-MARIA, AT
[72] CVAK, BARBARA, AT
[72] SCHIESSL, ALOIS, AT
[72] HAUBL, GEORG, AT
[71] ERBER AKTIENGESELLSCHAFT, AT
[85] 2016-12-12
[86] 2015-06-03 (PCT/AT2015/000083)
[87] (WO2015/188205)
[30] AT (GM 251/2014) 2014-06-12

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[25] EN
[54] **ISOLATED POLYPEPTIDES OF CD44 AND USES THEREOF**
[54] **POLYPEPTIDES ISOLES DE CD44 ET UTILISATIONS ASSOCIEES**
[72] NAOR, DAVID, IL
[72] ESHKAR-SEBBAN, LORA, IL
[72] AMAR, KEREN-OR, IL
[72] COHEN, SHMUEL, IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
[85] 2016-12-12
[86] 2015-07-15 (PCT/IL2015/050732)
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[13] A1
[51] **Int.Cl. C07D 239/90 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/52 (2006.01) A61K 31/53 (2006.01) A61K 31/5377 (2006.01) C07D 401/14 (2006.01) C07D 403/06 (2006.01) C07D 413/06 (2006.01) C07D 473/34 (2006.01) C07D 487/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **PHOSPHATIDYLINOSITOL 3-KINASE INHIBITORS**
[54] **INHIBITEURS DE LA PHOSPHATIDYLINOSITOL 3-KINASE**
[72] CAI, SHAOPEI, US
[72] DU, ZHIMIN, US
[72] KIM, MUSONG, US
[72] LOYER-DREW, JENNIFER A., US
[72] NADUTHAMBI, DEVAN, US
[72] PATEL, LEENA, US
[72] PHILLIPS, BARTON W., US
[72] PHILLIPS, GARY, US
[72] STEVENS, KIRK L., US
[72] TREIBERG, JENNIFER ANNE, US
[72] VAN VELDHUIZEN, JOSHUA, US
[72] WATKINS, WILLIAM J., US
[72] YEUNG, SUET CHUNG, US
[71] GILEAD SCIENCES, INC., US
[85] 2016-12-12
[86] 2015-06-10 (PCT/US2015/035126)
[87] (WO2015/191726)
[30] US (62/012,172) 2014-06-13

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[13] A1
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[25] EN
[54] **QUINAZOLINONE DERIVATIVES AS PHOSPHATIDYLINOSITOL 3-KINASE INHIBITORS**
[54] **DERIVES DE QUINAZOLINONE UTILISES COMME INHIBITEURS DE LA PHOSPHATIDYLINOSITOL 3-KINASE**
[72] EVARTS, JERRY, US
[72] KAPLAN, JOSHUA, US
[72] PATEL, LEENA, US
[72] PERREAULT, STEPHANE, US
[72] PHILLIPS, BARTON W., US
[72] PHILLIPS, GARY, US
[72] TREIBERG, JENNIFER A., US
[72] YEUNG, SUET CHUNG, US
[71] GILEAD SCIENCES, INC., US
[85] 2016-12-12
[86] 2015-06-10 (PCT/US2015/035145)
[87] (WO2015/191743)
[30] US (62/011,775) 2014-06-13

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[13] A1
[51] **Int.Cl. C07D 239/91 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/52 (2006.01) A61K 31/53 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 403/06 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 471/04 (2006.01) C07D 473/34 (2006.01) C07D 487/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **PHOSPHATIDYLINOSITOL 3-KINASE INHIBITORS**
[54] **INHIBITEUR DE LA PHOSPHATIDYLINOSITOL 3-KINASE**
[72] DU, ZHIMIN, US
[72] EVARTS, JERRY, US
[72] KAPLAN, JOSHUA, US
[72] KIM, MUSONG, US
[72] NADUTHAMBI, DEVAN, US
[72] PATEL, LEENA, US
[72] PERREAULT, STEPHANE, US
[72] PHILLIPS, BARTON W., US
[72] PHILLIPS, GARY, US
[72] STEVENS, KIRK L., US
[72] TREIBERG, JENNIFER A., US
[72] VAN VELDHUIZEN, JOSHUA, US
[72] WATKINS, WILLIAM J., US
[72] YEUNG, SUET CHUNG, US
[71] GILEAD SCIENCES, INC., US
[85] 2016-12-12
[86] 2015-06-10 (PCT/US2015/035147)
[87] (WO2015/191745)
[30] US (62/011,977) 2014-06-13

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[13] A1
[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/53 (2006.01) C07D 487/04 (2006.01) C07D 491/048 (2006.01) C07D 495/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **PHOSPHATIDYLINOSITOL 3-KINASE INHIBITORS**
[54] **INHIBITEURS DE PHOSPHATIDYLINOSITOL-3-KINASE**
[72] CAI, SHAOPEI, US
[72] DU, ZHIMIN, US
[72] KAPLAN, JOSHUA, US
[72] LOYER-DREW, JENNIFER A., US
[72] NADUTHAMBI, DEVAN, US
[72] PHILLIPS, BARTON W., US
[72] PHILLIPS, GARY, US
[72] VAN VELDHUIZEN, JOSHUA, US
[72] WATKINS, WILLIAM J., US
[72] YEUNG, SUET CHUNG, US
[71] GILEAD SCIENCES, INC., US
[85] 2016-12-12
[86] 2015-06-10 (PCT/US2015/035157)
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[30] US (62/012,222) 2014-06-13

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[13] A1
[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) C07D 487/04 (2006.01) C07D 491/048 (2006.01)**
[25] EN
[54] **PHOSPHATIDYLINOSITOL 3-KINASE INHIBITORS**
[54] **INHIBITEURS DE LA PHOSPHATIDYLINOSITOL 3-KINASE**
[72] KIM, MUSONG, US
[72] YEUNG, SUET CHUNG, US
[72] PERREAULT, STEPHANE, US
[71] GILEAD SCIENCES, INC., US
[85] 2016-12-12
[86] 2015-06-10 (PCT/US2015/035161)
[87] (WO2015/191754)
[30] US (62/011,905) 2014-06-13

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[13] A1
[51] **Int.Cl. A61K 31/4025 (2006.01) A61P 31/04 (2006.01) A61P 31/12 (2006.01) A61P 39/00 (2006.01) C07D 207/04 (2006.01)**
[25] EN
[54] **A SMALL MOLECULE INHIBITOR OF MYD88 FOR THERAPEUTIC TREATMENT AGAINST ALPHAVIRUS AND STAPHYLOCOCCAL ENTEROTOXIN INFECTIONS AND TOXIN EXPOSURE**
[54] **INHIBITEUR A PETITE MOLECULE DE MYD88 POUR LE TRAITEMENT THERAPAPEUTIQUE CONTRE DES INFECTIONS PAR ALPHAVIRUS ET ENTEROTOXINE STAPHYLOCOCCIQUE ET EXPOSITION AUX TOXINES**
[72] REBEK, JULIUS M., JR., US
[72] SAIKH, KAMAL U., US
[72] GLASS, PAMELA J., US
[71] GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE ARMY, US
[71] REBEK, JULIUS M., JR., US
[85] 2016-12-12
[86] 2015-06-05 (PCT/US2015/000068)
[87] (WO2015/191111)
[30] US (62/010,628) 2014-06-11

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) A61K 49/00 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01) C12Q 1/68 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **ANTI-AXL ANTIBODIES**
[54] **ANTICORPS ANTI-AXL**
[72] MICKLEM, DAVID ROBERT, NO
[72] KIPRIJANOV, SERGEJ, NO
[72] NILSSON, LINN HODNELAND, NO
[72] AHMED, LAVINA, NO
[72] HAUGEN, HALLVARD, NO
[71] BERGENBIO AS, NO
[85] 2016-12-13
[86] 2015-06-18 (PCT/EP2015/063704)
[87] (WO2015/193430)
[30] GB (1410825.2) 2014-06-18

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[13] A1
[51] **Int.Cl. A61K 9/18 (2006.01) A61K 31/5575 (2006.01) A61K 47/32 (2006.01)**
[25] EN
[54] **TREPROSTINIL FORMULATIONS**
[54] **FORMULATIONS DE TREPROSTINIL**
[72] PHARES, KEN, US
[72] CHANG, COURTNEY, US
[71] UNITED THERAPEUTICS CORPORATION, US
[85] 2016-12-13
[86] 2015-06-12 (PCT/US2015/035595)
[87] (WO2015/192030)
[30] US (62/011,689) 2014-06-13

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[13] A1
[51] **Int.Cl. A61M 27/00 (2006.01) A61F 13/00 (2006.01) A61F 13/15 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **WOUND DRESSING**
[54] **PANSEMENT ET PROCEDE DE TRAITEMENT**
[72] HARTWELL, EDWARD YERBURY, GB
[72] BROWNHILL, VARUNI RACHINDRA, GB
[72] GOWANS, JOHN, GB
[71] SMITH & NEPHEW PLC, GB
[85] 2016-12-14
[86] 2015-06-15 (PCT/EP2015/063373)
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[30] US (62/013989) 2014-06-18
[30] US (62/085774) 2014-12-01

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[13] A1
[51] **Int.Cl. A01K 43/00 (2006.01) A01K 45/00 (2006.01) A61L 2/18 (2006.01) A23B 5/12 (2006.01) A23B 5/20 (2006.01)**
[25] EN
[54] **SANITIZATION SYSTEM FOR AN EGG PROCESSING APPARATUS, AND ASSOCIATED METHOD**
[54] **SYSTEME DE DESINFECTION POUR UN APPAREIL DE TRAITEMENT D'[illegible]UFS ET PROCEDE ASSOCIE**
[72] HESSLER, THOMAS MATTHEW, US
[71] ZOETIS SERVICES LLC, US
[85] 2016-12-13
[86] 2015-07-08 (PCT/US2015/039528)
[87] (WO2016/007611)
[30] US (62/022,455) 2014-07-09

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[13] A1
[51] **Int.Cl. C07K 16/46 (2006.01) C07K 16/08 (2006.01) C07K 16/12 (2006.01) C07K 16/28 (2006.01) C12N 15/13 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MULTISPECIFIC ANTIGEN BINDING PROTEINS**
[54] **PROTEINES MULTISPECIFIQUES DE LIAISON A UN ANTIGENE**
[72] GAUTHIER, LAURENT, FR
[72] ROSSI, BENJAMIN, FR
[71] INNATE PHARMA, FR
[85] 2016-12-15
[86] 2015-06-23 (PCT/EP2015/064070)
[87] (WO2015/197598)
[30] US (62/017,913) 2014-06-27

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[13] A1
[51] **Int.Cl. C12N 15/29 (2006.01) A01H 5/00 (2006.01) A24B 15/18 (2006.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MODULATION OF NITRATE CONTENT IN PLANTS**
[54] **MODULATION DE LA TENEUR EN NITRATE CHEZ LES PLANTES**
[72] CAMPANONI, PRISCA, CH
[72] BOVET, LUCIEN, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-12-15
[86] 2015-06-24 (PCT/EP2015/064308)
[87] (WO2015/197727)
[30] EP (14173987.0) 2014-06-25

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[13] A1
[51] **Int.Cl. A46B 9/02 (2006.01) A46D 1/00 (2006.01)**
[25] EN
[54] **HAIR BRUSH**
[54] **BROSSE A CHEVEUX**
[72] PULFREY, SHAUN, GB
[72] TREEBY, CAMERON BRUCE WILLIAM, GB
[71] TANGLE TEEZER LIMITED, GB
[85] 2016-12-15
[86] 2015-06-30 (PCT/GB2015/051916)
[87] (WO2016/001658)
[30] GB (1411577.8) 2014-06-30
[30] GB (1411583.6) 2014-06-30

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[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) A61P 27/02 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **OPHTHALMIC COMPOSITION FOR THE TREATMENT OF OCULAR INFECTION**
[54] **COMPOSITION OPHTALMIQUE POUR LE TRAITEMENT D'UNE INFECTION OCULAIRE**
[72] SI, ERWIN C., US
[71] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB
[85] 2016-12-16
[86] 2015-06-18 (PCT/GB2015/051790)
[87] (WO2015/193677)
[30] US (62/014,777) 2014-06-20

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[13] A1
[51] **Int.Cl. B65G 43/00 (2006.01) B65G 15/08 (2006.01) B65G 35/00 (2006.01)**
[25] EN
[54] **CONVEYOR SYSTEM FOR CONVEYING MATERIAL TO BE CONVEYED**
[54] **SYSTEME DE TRANSPORT DE PRODUITS A TRANSPORTER**
[72] MENKE, LUCAS, DE
[72] ENGLISCH, KLAUS, DE
[71] MERI ENVIRONMENTAL SOLUTIONS GMBH, DE
[85] 2016-12-19
[86] 2015-05-29 (PCT/EP2015/061976)
[87] (WO2016/000876)
[30] DE (10 2014 109 284.8) 2014-07-02

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[13] A1
[51] **Int.Cl. H01H 33/59 (2006.01)**
[25] EN
[54] **ARRANGEMENT, SYSTEM, AND METHOD OF INTERRUPTING CURRENT**
[54] **AGENCEMENT, SYSTEME ET PROCEDE D'INTERRUPTION DE COURANT**
[72] ANGQUIST, LENNART, SE
[72] NORRGA, STAFFAN, SE
[71] SCIBREAK AB, SE
[85] 2016-12-19
[86] 2015-06-29 (PCT/SE2015/050756)
[87] (WO2016/003357)
[30] US (62/018,707) 2014-06-30

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[13] A1
[51] **Int.Cl. A46B 9/04 (2006.01)**
[25] EN
[54] **HEAD FOR AN ORAL CARE IMPLEMENT**
[54] **TETE POUR ACCESSOIRE D'HYGIENE BUCCO-DENTAIRE**
[72] JUNGNICKEL, UWE, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-12-19
[86] 2015-07-13 (PCT/US2015/040149)
[87] (WO2016/007949)
[30] EP (14176721.0) 2014-07-11

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[13] A1
[51] **Int.Cl. C11D 3/60 (2006.01) C11D 3/00 (2006.01) C11D 3/37 (2006.01) C11D 7/00 (2006.01) C11D 7/22 (2006.01) C11D 7/60 (2006.01)**
[25] EN
[54] **FABRIC AND HOME CARE TREATMENT COMPOSITIONS**
[54] **COMPOSITIONS DE TRAITEMENT POUR LES TISSUS ET LES SOINS MENAGERS**
[72] DYKSTRA, ROBERT RICHARD, US
[72] SIVIK, MARK ROBERT, US
[72] HODGDON, TRAVIS KYLE, US
[72] URBIN, STEPHANIE ANN, US
[72] CORONA, ALESSANDRO, III, US
[72] MCCULLOUGH, JOCELYN MICHELLE, US
[72] BELANGER, DENISE MALCUIT, US
[72] FLITER, KRISTI LYNN, US
[72] HARTSHORN, RICHARD TIMOTHY, US
[72] VETTER, NICHOLAS DAVID, US
[72] XUAN, TESSA, US
[72] FOSSUM, RENAE DIANNA, US
[72] LEYRER, REINHOLD JOSEPH, DE
[72] FONSECA, GLEDISON, DE
[72] BOYKO, VOLODYMYR, DE
[72] FLORES-FIGUEROA, AARON, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-12-19
[86] 2015-07-23 (PCT/US2015/041656)
[87] (WO2016/014742)
[30] US (62/027,810) 2014-07-23
[30] US (62/083,925) 2014-11-25

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[13] A1
[51] **Int.Cl. C11D 3/60 (2006.01) C11D 3/00 (2006.01) C11D 3/37 (2006.01) C11D 7/00 (2006.01) C11D 7/22 (2006.01) C11D 7/60 (2006.01)**
[25] EN
[54] **FABRIC AND HOME CARE TREATMENT COMPOSITIONS**
[54] **COMPOSITIONS DE TRAITEMENT POUR SOINS MENAGERS ET POUR LES TISSUS**
[72] DYKSTRA, ROBERT RICHARD, US
[72] SIVIK, MARK ROBERT, US
[72] HODGDON, TRAVIS KYLE, US
[72] URBIN, STEPHANIE ANN, US
[72] CORONA, ALESSANDRO, III, US
[72] MCCULLOUGH, JOCELYN MICHELLE, US
[72] BELANGER, DENISE MALCUIT, US
[72] FLITER, KRISTI LYNN, US
[72] HARTSHORN, RICHARD TIMOTHY, US
[72] VETTER, NICHOLAS DAVID, US
[72] XUAN, TESSA, US
[72] LEYRER, REINHOLD JOSEPH, DE
[72] FONSECA, GLEDISON, DE
[72] BOYKO, VOLODYMYR, DE
[72] FLORES-FIGUEROA, AARON, DE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **FABRIC AND HOME CARE TREATMENT COMPOSITIONS**
[54] **COMPOSITIONS DE TRAITEMENT POUR LE LINGE ET L'ENTRETIEN MENAGER**
[72] DYKSTRA, ROBERT RICHARD, US
[72] SIVIK, MARK ROBERT, US
[72] HODGDON, TRAVIS KYLE, US
[72] URBIN, STEPHANIE ANN, US
[72] CORONA, ALESSANDRO, III, US
[72] MCCULLOUGH, JOCELYN MICHELLE, US
[72] BELANGER, DENISE MALCUIT, US
[72] FLITER, KRISTI LYNN, US
[72] HARTSHORN, RICHARD TIMOTHY, US
[72] VETTER, NICHOLAS DAVID, US
[72] XUAN, TESSA, US
[72] LEYRER, REINHOLD JOSEPH, DE
[72] FONSECA, GLEDISON, DE
[72] BOYKO, VOLODYMYR, DE
[72] FLORES-FIGUEROA, AARON, DE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **TREATMENT COMPOSITIONS**
[54] **COMPOSITIONS DE TRAITEMENT**
[72] DYKSTRA, ROBERT RICHARD, US
[72] SIVIK, MARK ROBERT, US
[72] HODGDON, TRAVIS KYLE, US
[72] URBIN, STEPHANIE ANN, US
[72] CORONA, ALESSANDRO, III, US
[72] BELANGER, DENISE MALCUIT, US
[72] FLITER, KRISTI LYNN, US
[72] HARTSHORN, RICHARD TIMOTHY, US
[72] VETTER, NICHOLAS DAVID, US
[72] XUAN, TESSA, US
[72] LEYRER, REINHOLD JOSEPH, DE
[72] FONSECA, GLEDISON, DE
[72] BOYKO, VOLODYMYR, DE
[72] FLORES-FIGUEROA, AARON, DE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **CYCLOPROPYLAMINE COMPOUNDS AS HISTONE DEMETHYLASE INHIBITORS**
[54] **COMPOSES DE CYCLOPROPYLAMINE A UTILISER EN TANT QU'INHIBITEURS DE L'HISTONE DEMETHYLASE**
[72] VIANELLO, PAOLA, IT
[72] VARASI, MARIO, IT
[72] MERCURIO, CIRO, IT
[72] CAPPA, ANNA, IT
[72] MERONI, GIUSEPPE, IT
[72] VILLA, MANUELA, IT
[72] MAI, ANTONELLO, IT
[72] VALENTE, SERGIO, IT
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[54] **LENTILLES OPHTALMIQUES PROGRESSIVES**
[72] GORROTXATEGI SALABERRIA, JOSEBA, ES
[71] OPTOMETRIC AIR LENS, S.L., ES
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[54] **PARCEL SORTER SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TRI DE COLIS**
[72] LINDBO, SVERKER, GB
[71] OCADO INNOVATION LIMITED, GB
[85] 2016-12-20
[86] 2015-06-24 (PCT/EP2015/064260)
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[54] **SYSTEM AND METHOD FOR CONTROLLING MACHINERY FOR RANDOMIZING AND REPLICATING PREDETERMINED AGRONOMIC INPUT LEVELS**
[54] **SYSTEME ET PROCEDE POUR COMMANDER DES MACHINES POUR EFFECTUER LA RANDOMISATION ET LA REPRODUCTION DE NIVEAUX D'INTRANTS AGRONOMIQUES PREDETERMINES**
[72] FREIBERG, DAN, US
[72] STELFORD, MARK WILLIAM, US
[71] PREMIER CROP SYSTEMS, LLC, US
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[54] **HYDRATATION AMELIOREE DE POLYMERES ASSOCIATIFS**
[72] CADIX, ARNAUD, FR
[72] WILSON, DAVID JAMES, FR
[71] RHODIA OPERATIONS, FR
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[54] **FABRIC TREATMENT COMPOSITION COMPRISING AN AMINOSILOXANE POLYMER NANOEMULSION**
[54] **COMPOSITION DE TRAITEMENT DE TISSU COMPRENANT UNE NANOEMULSION POLYMERE D'AMINOSILOXANE**
[72] VETTER, NICHOLAS DAVID, US
[72] SIVIK, MARK ROBERT, US
[72] FLITER, KRISTI, LYNN, US
[72] WHITING, PATRICK B., US
[72] BROENING, HARRY W., US
[72] KENNEALLY, COREY JAMES, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] FR
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[54] **POMPE DE FILTRATION POUR PISCINE**
[72] LIE, MICHAEL, FR
[71] ACIS (AQUA CONSULT INDUSTRIE SERVICES), FR
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[54] **ANIMAL IDENTIFICATION SYSTEM COMPRISING AN ANIMAL IDENTIFICATION DEVICE AND A SAMPLING MEMBER**
[54] **SYSTEME D'IDENTIFICATION ANIMALE COMPRENANT UN DISPOSITIF D'IDENTIFICATION ANIMALE ET UN ORGANE DE PRELEVEMENT**
[72] HILPERT, JEAN-JACQUES, FR
[72] DECALUWE, JOHAN, FR
[71] ALLFLEX EUROPE, FR
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[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROL OF A WORKPIECE HEATING SYSTEM**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE SYSTEME DE CHAUFFAGE DE PIECE A USINER**
[72] VERHAGEN, PAUL DAVID, US
[72] JOYCE, RICHARD CHARLES, US
[72] MLNARIK, KEVIN JOHN, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-12-20
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[54] **APPARATUS AND METHOD FOR THE DECORATION OF FOODSTUFFS**
[54] **APPAREIL ET PROCEDE POUR LA DECORATION DE PRODUITS ALIMENTAIRES**
[72] LEACH, JAMES RICHARD HUGHES, GB
[72] MORLEY, JONATHAN DAVID, GB
[71] UNILEVER PLC, GB
[85] 2016-12-21
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[25] EN
[54] **A MODULAR BUILDING SYSTEM AND A METHOD OF ASSEMBLING BUILDING ELEMENTS TO CONSTRUCT SUCH BUILDING SYSTEM**
[54] **SYSTEME DE CONSTRUCTION MODULAIRE ET PROCEDE D'ASSEMBLAGE D'ELEMENTS DE CONSTRUCTION POUR CONSTRUIRE UN TEL SYSTEME DE CONSTRUCTION**
[72] KJAER, NIKOLAI, DK
[71] NORDIC BUILD IVS, DK
[85] 2016-12-21
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[54] **COMPOSITION AND USE THEREOF**
[54] **COMPOSITION ET SON UTILISATION**
[72] AWATI, AJAY, GB
[72] TSE, KATHRYN LOUISE, DK
[72] FROUEL, STEPHANE, FR
[72] GIMENEZ-RICO, RAFAEL DURAN, ES
[72] SAINSBURY, TRACEY, GB
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
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[54] **METHOD FOR GROWING VERTICALLY ORIENTED SINGLE-WALLED CARBON NANOTUBES WITH THE SAME ELECTRONIC PROPERTIES AND FOR REPRODUCING SINGLE-WALLED CARBON NANOTUBES WITH THE SAME ELECTRONIC PROPERTIES**
[54] **PROCEDE POUR LA CROISSANCE DE NANOTUBES DE CARBONE MONOPAROI, ORIENTES VERTICALEMENT, A PROPRIETES ELECTRONIQUES IDENTIQUES, ET POUR LA MULTIPLICATION DE NANOTUBES DE CARBONE MONOPAROI, A PROPRIETES ELECTRONIQUES IDENTIQUES**
[72] BEZUGLY, VIKTOR, DE
[72] BEZUGLY, EUGENIA, DE
[72] KHAVRUS, VYACHESLAV, DE
[72] KRYLOV, DENIS, DE
[72] CUNIBERTI, GIANAURELIO, DE
[71] TECHNISCHE UNIVERSITAT DRESDEN, DE
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[86] 2015-06-24 (PCT/EP2015/064311)
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[54] **AMINOESTER DERIVATIVES**
[54] **DERIVES AMINOESTERS**
[72] ARMANI, ELISABETTA, IT
[72] AMARI, GABRIELE, IT
[72] CAPALDI, CARMELIDA, IT
[72] BLACKABY, WESLEY, IT
[72] LINNEY, IAN, IT
[72] VAN DE POEL, HERVE, IT
[72] BAKER-GLENN, CHARLES, IT
[72] TRIVEDI, NAIMISHA, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
[85] 2016-12-02
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[25] EN
[54] **CARBAMATE DERIVATIVES**
[54] **DERIVES DE CARBAMATE QUI SONT A LA FOIS DES INHIBITEURS DE L'ENZYME PHOSPHODIESTERASE 4 (PDE4) ET DES ANTAGONISTES DES RECEPTEURS MUSCARINIQUES M3**
[72] ARMANI, ELISABETTA, IT
[72] AMARI, GABRIELE, IT
[72] CAPALDI, CARMELIDA, IT
[72] BAKER-GLENN, CHARLES, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
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[86] 2015-06-03 (PCT/EP2015/062419)
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[25] EN
[54] **MULTIVALENT DELIVERY OF IMMUNE MODULATORS BY LIPOSOMAL SPHERICAL NUCLEIC ACIDS FOR PROPHYLACTIC OR THERAPEUTIC APPLICATIONS**
[54] **LIBERATION POLYVALENTE DE MODULATEURS IMMUNITAIRES PAR DES ACIDES NUCLEIQUES SPHERIQUES LIPOSOMAUX POUR DES APPLICATIONS PROPHYLACTIQUES OU THERAPEUTIQUES**
[72] RADOVIC-MORENO, ALEKSANDAR FILIP, US
[72] KANG, RICHARD, US
[72] NALLAGATLA, SUBBARAO, US
[72] MADER, CHRISTOPHER C., US
[72] GRYAZNOV, SERGEI, US
[71] EXICURE, INC., US
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[54] **NOVEL EP4 AGONISTS AS THERAPEUTIC COMPOUNDS**
[54] **NOUVEAUX AGONISTES DES RECEPTEURS EP4 UTILISES COMME COMPOSES THERAPEUTIQUES**
[72] OLD, DAVID W., US
[72] HEIN, CHRISTOPHER D., US
[71] ALLERGAN, INC., US
[85] 2016-12-02
[86] 2015-06-05 (PCT/US2015/034566)
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[54] **SWEET TASTE RECEPTOR ANTAGONIST COMPOSITIONS**
[54] **COMPOSITIONS D'ANTAGONISTES DES RECEPTEURS DU GOUT SUCRE**
[72] DUBOIS, GRANT, US
[72] PERRY, ARIANNE, US
[72] GOLDSTEIN, ROBERT L., US
[71] FOUR LLC, US
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[25] EN
[54] **ORAL-CARE IMPLEMENT HAVING COLOR-COMMUNICATIVE ELEMENT**
[54] **INSTRUMENT DE SOINS BUCCO-DENTAIRES AYANT UN ELEMENT DE COMMUNICATION DE COULEUR**
[72] NEWMAN, MATTHEW LLOYD, US
[72] WEN, LI, US
[72] RENO, ELIZABETH ANN BROWN, US
[72] ALINSKI, JENS, DE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **CELLULE D'EXTRACTION ELECTROLYTIQUE DE METAL**
[72] FIORUCCI, ALESSANDRO, IT
[72] IACOPETTI, LUCIANO, IT
[72] FAITA, GIUSEPPE, IT
[71] INDUSTRIE DE NORA S.P.A., IT
[85] 2016-12-21
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[54] **MOYENS ET PROCEDES POUR DETERMINER UNE RECONNAISSANCE DE LYMPHOCYTES T**
[72] LINNEMAN, CARSTEN, NL
[72] BIES, LAURA, NL
[72] VAN BUUREN, MARIT MARTHA, NL
[72] SCHUMACHER, ANTONIUS NICOLAAS MARIA, NL
[72] SPITS, HERGEN, NL
[72] SCHOTTE, REMKO, NL
[71] STICHTING HET NEDERLANDS KANKER INSTITUUT-ANTONI VAN LEEUWENHOEK ZIEKENHUIS, NL
[71] AIMM THERAPEUTICS B.V., NL
[85] 2016-12-02
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[54] **SCHEMA POSOLOGIQUE DE NICOTINE**
[72] HEARN, ALEX, GB
[72] MOYSES, CHRIS, GB
[72] GONZALEZ CAMPOS, RENE MAURICIO, GB
[72] GUPTA, RITIKA, GB
[72] HACKETT, DAVID, GB
[72] MORRIS, STEPHEN WYNFORD, GB
[71] KIND CONSUMER LIMITED, GB
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[30] US (62/016,861) 2014-06-25
[30] GB (1411345.0) 2014-06-26
[30] GB (1412130.5) 2014-07-08

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[25] EN
[54] **MACHINE AND METHOD FOR MAKING CAPSULES FOR BEVERAGES**
[54] **MACHINE ET PROCEDE POUR FABRIQUER DES CAPSULES POUR BOISSONS**
[72] BARTOLI, ANDREA, IT
[72] TRALDI, FLAVIO, IT
[72] GRILLENZONI, ALESSANDRO, IT
[71] SARONG S.P.A., IT
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[71] BRUGGLI, CH
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[54] **OPTIMISATION DE MOUVEMENT DYNAMIQUE POUR MACHINES D'EXCAVATION**
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[72] JAEGER, JULIAN D., US
[72] MADHAVARAO, GOPALAKRISHNAN, US
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[54] **ELEMENTS D'AIDE A L'OPERATEUR POUR MACHINES D'EXCAVATION BASES SUR LE RETOUR D'UN SYSTEME DE PERCEPTION**
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[54] **DETECTION ELECTROMAGNETIQUE DISTANTE A INTERVALLES DE CONDITIONS DE RESERVOIR**
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[54] **PROCEDES DE STIMULATION DE FRACTURE DE PLUSIEURS ZONES D'UN PUITS**
[72] TOLMAN, RANDY C., US
[72] ENTCHEV, PAVLIN B., NO
[72] MORROW, TIMOTHY I., US
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[54] **TONTE PAR TONDEUSE A GAZON ROBOTISEE DE ZONES DE GAZON SEPAREES**
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[72] BEAULIEU, ANDREW, US
[72] YAMAUCHI, BRIAN, US
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[54] **SYSTEME A BORD D'UN VEHICULE, A ECRAN PARTAGE ET A ECRITURE REPERCUTEE SUR DE MULTIPLES COMPTES D'UTILISATEURS**
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[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DGLA ET UTILISATION DE CELLES-CI**
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[72] CLIMAX, JOHN, IE
[72] DUNNE, JAMES, IE
[71] DIGNITY SCIENCES LIMITED, IE
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[54] **DISPOSITIF D'INSERTION DE BALLE DESTINE AUX PUITS DE PETROLE ET DE GAZ**
[72] PENNY, BRADLEY ERIC, CA
[72] HOLMES, CURTIS BERNARD, CA
[72] GALLAGHER, PATRICK JOHN, CA
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[72] O'BRIAN, MICHAEL A., US
[72] WINECKI, SLAWOMIR, US
[72] TAHA, RACHID, US
[71] BATELLE MEMORIAL INSTITUTE, US
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[54] **COUCHE BARRIERE ET SON UTILISATION DANS DES SYSTEMES DE REVETEMENT DE SUBSTATS EN MATIERE PLASTIQUE**
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[72] RIDGWAY, CATHERINE JEAN, CH
[72] GANE, PATRICK A. C., CH
[72] RENTSCH, SAMUEL, CH
[72] BURKHALTER, RENE, CH
[72] SENTI-WENK, ARMELLE, CH
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[54] **MELANGE A UTILISER DANS UN PROCEDE DE FABRICATION DE FILAMENT FONDU**
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[72] HERMANT, MARIE-CLAIRE, DE
[72] SCHMIDT, KRIS, US
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[54] **PROCEDE DE PRODUCTION DE POUDRE DE PALLADIUM(0)ACTIF**
[72] STETTNER, MARTIN, DE
[72] VON EIFF, HERMANN, DE
[72] THIEL, VASCO, DE
[72] VOSS, STEFFEN, DE
[71] HERAEUS DEUTSCHLAND GMBH & CO. KG, DE
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[54] **DENT ET ADAPTATEUR POUR MACHINE DE DRAGAGE**
[72] TRIGINER BOIXEDA, JORGE, ES
[72] TUTO, JOAN, ES
[72] ALVAREZ PORTELLA, EDUARD, ES
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[54] **PANNEAU MUNI D'UN DISPOSITIF PHOTOVOLTAIQUE**
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[72] GERON, LAURENT, BE
[71] ARCELORMITTAL, LU
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[54] **DETERMINATION DE LIMITE DE TONTE DE GAZON ROBOTIQUE**
[72] YAMAUCHI, BRIAN, US
[72] BEAULIEU, ANDREW, US
[72] BALUTIS, PAUL C., US
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[54] **UTILISATION THERAPEUTIQUE DE PROTEINES MORPHOGENETIQUES OSSEUSES**
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[72] LI, WEI, GB
[72] UPTON, PAUL D., GB
[71] CAMBRIDGE ENTERPRISE LIMITED, GB
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[54] **A FLOOR SYSTEM, A VEHICLE, SUCH AS A SERVICE VEHICLE, COMPRISING SUCH A FLOOR SYSTEM AND A METHOD OF INSTALLING SUCH A FLOOR SYSTEM**
[54] **SYSTEME DE PLANCHER, VEHICULE, TEL QU'UN VEHICULE DE SERVICE, COMPRENANT UN TEL SYSTEME DE PLANCHER, ET PROCEDE D'INSTALLATION D'UN TEL SYSTEME DE PLANCHER**
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[71] MODUL-SYSTEM HH AB, SE
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[54] **METHOD FOR PRODUCING A PLASTIC VEHICLE ATTACHMENT PART**
[54] **PROCEDE DE FABRICATION D'UNE PIECE RAPPORTEE DE VEHICULE EN MATIERE PLASTIQUE**
[72] BENYAHIA, RYM, DE
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[72] FOURNIER, NICOLAS, DE
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[72] BOUCHER, BEATRICE, FR
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[71] COMPOSITE TECHNOLOGIES CORPORATION, US
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[54] **METHOD FOR THE CULTIVATION OF PLANTS USING A CARRIER WITH A REMOVABLE SIDE SUPPORT STRUCTURE ARRANGED THEREON**
[54] **PROCEDE PERMETTANT LA CULTURE DE PLANTES AU MOYEN D'UN SUPPORT AYANT UNE STRUCTURE DE SUPPORT LATERALE AMOVIBLE AGENCEE SUR CE DERNIER**
[72] NOORDAM, CHRISTIAAN SILVESTER, NL
[72] VAN DER KNAAP, MAURICE CORNELIS ANTONIUS, NL
[71] CULTIVATION SYSTEMS B.V., NL
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[54] **PROCEDE DE SOUDAGE AU TUNGSTENE SOUS PROTECTION GAZEUSE**
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[54] **ENSEMBLE DE COUVERTURE POUR L'ORIFICE DE PALIER CIRCULAIRE D'UN JOINT UNIVERSEL**
[72] OSGOOD, PETER N., US
[71] PRIMETALS TECHNOLOGIES USA LLC, US
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[54] **DISPOSITIF DE HALAGE D'UN OBJET DE FORME TUBULAIRE DE GRANDE LONGUEUR**
[72] LONGUET, JEAN-PHILIPPE, FR
[72] LE GRAS, HERVE, FR
[72] COSSON, OLIVIER, FR
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[72] LAGADEC, JEAN, FR
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[54] **CUTTING DEVICE**
[54] **DISPOSITIF DE COUPE**
[72] SJODEN, TORD, SE
[71] GRADE GROUP AS, NO
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[71] SAINT-GOBAIN WEBER, FR
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[54] **MODULE FILTRANT**
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[72] GANZERLI, STEFANO, IT
[72] MANFREDINI, MATTEO, IT
[72] MORINI, MARCO, IT
[71] GAMBRO LUNDIA AB, SE
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[72] GIROTRA, ROHIT, US
[71] ACCLARENT, INC., US
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[54] **DEVICE FOR TOWING A VERY LONG TUBULAR OBJECT**
[54] **DISPOSITIF DE HALAGE D'UN OBJET DE FORME TUBULAIRE DE GRANDE LONGUEUR**
[72] LONGUET, JEAN-PHILIPPE, FR
[72] LE GRAS, HERVE, FR
[72] COSSON, OLIVIER, FR
[72] PEDEN, BENOIT, FR
[72] LAGADEC, JEAN, FR
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[54] **METHODS AND SYSTEMS FOR REDUCING ENERGY CONSUMPTION OF A HEART RATE MONITOR**
[54] **METHODES ET SYSTEMES PERMETTANT DE REDUIRE LA CONSOMMATION D'ENERGIE D'UN MONITEUR DE FREQUENCE CARDIAQUE**
[72] SAMADANI, RAMIN, US
[72] PITIGOI-ARON, RADU, US
[72] MCGLOIN, JUSTIN PATRICK, US
[71] QUALCOMM INCORPORATED, US
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[54] **DISPOSITIF OU ENSEMBLE DE TRANSFERT DE FLUIDE AYANT UNE AIGUILLE RETRACTABLE ET UNE CLOISON**
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[72] SONDEREGGER, RALPH L., US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **ENSEMBLE D'AIGUILLE INTRAVEINEUSE AYANT DES CAPACITES DE DISTRIBUTION DE SANG**
[72] BURKHOLZ, JONATHAN KARL, US
[72] INGLEBY, JLYNN, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **CATHETER INTRAVEINEUX PERIPHERIQUE AVEC ELEMENT DE PREHENSION A AILETTE**
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[54] **PRODUIT DE LAVAGE ANTIMICROBIEN**
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[72] OLIVER, DANA A., US
[71] MEDTRONIC XOMED, INC., US
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[54] **DISPOSITIF D'INSERSION DE BRINS D'HERBE ARTIFICIEL DANS LE SOL**
[72] SCHUURMAN, THOMAS, NL
[72] MULLAN, GEORGE, IE
[71] SISGRASS B.V., NL
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[54] **PIVOTING SUPPORT WHEEL FOR MOUNTING ON A PLOW FRAME**
[54] **ROUE DE PROFONDEUR ORIENTABLE DESTINEE A ETRE MONTEE SUR LE BATI D'UNE CHARRUE**
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[54] **FILMS MINCES DE RESINE ET LEUR UTILISATION DANS DES EMPILEMENTS**
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[71] ISOLA USA CORP., US
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[72] MARCHAND, NICHOLAS RYAN, CA
[72] KALANTARI, MASOUD, CA
[71] NATIONAL OILWELL VARCO, L.P., US
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[54] **PROCEDE DE MODIFICATION DE POLYSACCHARIDES PAR GREFFAGE DE POLYETHERAMINES, POLYSACCHARIDES AINSI MODIFIES ET PREPARATIONS LES COMPORTANT ET PRESENTANT DES PROPRIETES RHEOLOGIQUESTHERMOSENSIBLES**
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[72] DEMANGE, ELISE, FR
[71] CELENYS, FR
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[54] **COMPOSITION D'ASSOUPLISSEMENT DES TISSUS COMPRENANT UN EPAISSISSANT HEUR**
[72] KENSICHER, YVES, FR
[72] MATTER, YVES, FR
[72] SUAU, JEAN-MARC, FR
[71] COATEX, FR
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[54] **METHOD FOR BREAKING A GLASS SHEET**
[54] **PROCEDE DE ROMPAGE D'UNE FEUILLE DE VERRE**
[72] DUMENIL, THIERRY, FR
[72] BURELOUX, DOMINIQUE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **METHOD FOR MANUFACTURING SHEETS OF GLASS OF COMPLEX SHAPE**
[54] **PROCEDE DE FABRICATION DE FEUILLES DE VERRE DE FORME COMPLEXE**
[72] DUMENIL, THIERRY, FR
[72] BURELOUX, DOMINIQUE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **APPAREIL ET PROCEDE DE VIBRO-COMPRESSION SOUS VIDE DE MELANGES**
[72] TONCELLI, LUCA, IT
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[54] **COMPOSITIONS CONTENANT DES LIPO-CHITOOLIGOSACCHARIDES ET DES MICROORGANISMES ET DESTINEES A AMELIORER LA CROISSANCE DES PLANTES**
[72] HABIB, AHSAN, US
[72] WOODS, KRISTI, US
[72] FRODYMA, MICHAEL, US
[72] SEMONES, SHAWN, US
[71] NOVOZYMES BIOAG A/S, DK
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[54] **COUVERCLE DOUBLE POUR MALLETTE-ASSORTIMENT**
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[71] RAACO A/S, DK
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[54] **ROLLING MILL THIRD OCTAVE CHATTER CONTROL BY PROCESS DAMPING**
[54] **LIMITATION DU BROUTAGE DE TIERS D'OCTAVE DE LAMINOIR PAR UN PROCEDE D'AMORTISSEMENT**
[72] BROWN, RODGER, US
[71] NOVELIS INC., US
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[54] **PROCEDE D'AMORTISSEMENT DE VIBRATION DE LAMINOIR DE TIERS D'OCTAVE AUTO-EXCITEE**
[72] BROWN, RODGER, US
[72] SEIBERT, MATTHEW, US
[72] MILLER, DONALD L., US
[72] FAIRLIE, MATTHEW, CA
[72] GAENSBAUER, DAVID, US
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[54] **INSERTION DEVICE WITH PROTECTION AGAINST REUSE**
[54] **DISPOSITIF D'INSERTION DOTE D'UNE PROTECTION CONTRE LA REUTILISATION**
[72] FREY, STEPHAN-MICHAEL, DE
[72] KUBE, OLIVER, DE
[72] RITTINGHAUS, ANDREA, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **DISPOSITIF D'INTRODUCTION AYANT UN VERROU DE SECURITE**
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[72] KUBE, OLIVER, DE
[72] RITTINGHAUS, ANDREA, DE
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[54] **COMPOSITION POUR REDUIRE LA QUANTITE D'ALDEHYDES EMIS PAR DES MOUSSES DE POLYURETHANE**
[72] DRIES, GEERT LODEWIJK, BE
[72] WILTZ, EUGENE P., JR., US
[72] GRIGSBY, ROBERT ALLISON, JR., US
[71] HUNTSMAN PETROCHEMICAL LLC, US
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[54] **GRANULE A LIBERATION CONTROLEE AYANT UN REVETEMENT RESISTANT A L'EAU**
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[72] ROBERTSON, ANDREW ALEXANDER, US
[72] HEIDEMANN, KURT RANDALL, US
[72] ZHOU, JIAN, US
[72] BODE, DANIEL, US
[72] RADEMACHER, JUDE THOMAS, US
[72] SIUTA-CRUCE, PATRICIA B., US
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[54] **METHOD FOR OBTAINING A FUNCTIONAL PARAMETER OF A MUSCLE**
[54] **PROCEDE POUR OBTENIR UN PARAMETRE FONCTIONNEL D'UN MUSCLE**
[72] TANTER, MICKAEL, FR
[72] PERNOT, MATHIEU, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S), FR
[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
[71] UNIVERSITE PARIS DIDEROT - PARIS 7, FR
[71] ECOLE SUPERIEURE DE PHYSIQUE ET DE CHIMIE INDUSTRIELLES DE LA VILLE DE PARIS, FR
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[54] **PIECE COMPOSITE DE FROTTEMENT AUTOLUBRIFIANTE**
[72] MASSE, EMMANUEL, FR
[72] BLANDENET, OLIVIER, FR
[71] H.E.F., FR
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[54] **LAIT DE COMPOSE CALCO-MAGNESIEN POUR MATERIAU ROUTIER BITUMINEUX**
[72] DELFOSSE, FREDERIC, FR
[72] DROUADAINE, IVAN, FR
[72] LAURENT, BERNARD, BE
[72] LESUEUR, DIDIER, BE
[71] LHOIST RECHERCHE ET DEVELOPPEMENT, BE
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[54] **ENSEMBLES DE THERAPIE RESPIRATOIRE**
[72] BENNETT, PAUL JAMES LESLIE, GB
[72] BURCHELL, ROBERT JAMES, GB
[71] SMITHS MEDICAL INTERNATIONAL LIMITED, GB
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[54] **SYSTEME DE MONTAGE D'EQUIPEMENT**
[72] SCHROEDER, TIMOTHY PAUL, US
[72] WEST, JAMES C., US
[72] CHINN, ROBERT C., US
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[54] **SYSTEME DE RACCORDEMENT DE PANNEAUX MURAUX DESTINE A DES UNITES DE CONSTRUCTION MODULAIRES**
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[54] **PANNEAU DE CADRE DE PORTE ET PANNEAUX MURAUX INTERVERROUILLABLES POUR UNITES DE CONSTRUCTION MODULAIRES**
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[71] NICOVENTURES HOLDINGS LIMITED, GB
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[54] **PANNEAUX DE CONSTRUCTION AYANT UNE COUCHE ADHESIVE SENSIBLE A LA PRESSION**
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[72] TANG, JIANSHENG, US
[72] ALEXANDER, BRIAN SCOTT, US
[72] WATKINS, CARL EDWARD, US
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[54] **PRODUIT ANTISEPTIQUE, PROCEDE POUR SA PREPARATION ET SON UTILISATION**
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[54] **ENSEMBLE CARTOUCHE INCLINEE POUR UN DISPOSITIF DE DISTRIBUTION**
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[72] SHERMAN, FAIZ FEISAL, US
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[72] UNVERHAU, KERSTIN, DE
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[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'UN ENVIRONNEMENT DE SOUDAGE**
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[72] BEESON, RICHARD W., US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **DOSING A FLUID AT A VOLUME OF LESS THAN ONE MILLILITER**
[54] **DOSAGE D'UN FLUIDE SOUS UN VOLUME INFERIEUR A UN MILLILITRE**
[72] ADLER, MICHAEL, DE
[72] BECHTOLD-PETERS, KAROLINE, CH
[72] BOILLON, ADELINE, CH
[72] DORN, ANKE, DE
[72] LUEMKEMANN, JOERG, DE
[72] LUTHRINGER, DENIS, FR
[72] MAHLER, HANNS-CHRISTIAN, CH
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[54] **A FREE FLOATING WAVE ENERGY CONVERTER HAVING VARIABLE BUOYANCY FLEXIBLE PIPE AND ENHANCED CAPTURE WIDTH**
[54] **HOULOMOTRICE FLOTTANT LIBREMENT COMPRENANT UNE CONDUITE FLEXIBLE A FLOTTABILITE VARIABLE ET LARGEUR EFFICACE D'EXTRACTION AUGMENTEE**
[72] GROUP CAPTAIN SYED MOHAMMED GHOUSE, IN
[71] GROUP CAPTAIN SYED MOHAMMED GHOUSE, IN
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[54] **IMPROVED BINDER COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE LIANT AMELIOREES ET LEURS UTILISATIONS**
[72] HAMPSON, CARL, GB
[72] KHAN, FERDOUS, GB
[71] KNAUF INSULATION SPRL, BE
[71] KNAUF INSULATION, INC., US
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[54] **COMPOSITIONS AMELIOREES DE LIANT ET LEURS UTILISATIONS**
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[71] KNAUF INSULATION, INC., US
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[54] **A RIGID NEEDLE GUARD, AND A METHOD AND A MACHINE FOR ASSEMBLING SUCH A RIGID NEEDLE GUARD**
[54] **PROTEGE-AIGUILLE RIGIDE, PROCEDE ET MACHINE D'ASSEMBLAGE D'UN TEL PROTEGE-AIGUILLE RIGIDE.**
[72] FOURNIER, GHISLAIN, FR
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[54] **PRESSURE SENSITIVE ADHESIVE ASSEMBLY COMPRISING THERMOPLASTIC FILLER MATERIAL**
[54] **ENSEMBLE ADHESIF SENSIBLE A LA PRESSION COMPRENANT UN MATERIAU DE CHARGE THERMOPLASTIQUE**
[72] HEIMINK, JAN, DE
[72] UNVERHAU, KERSTIN, DE
[72] FORSTER, JAN D., DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **DISPOSITIFS D'ANASTOMOSE**
[72] MOONEY, NATHAN K., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **COLLIER DE BIJOUTERIE PERSONNALISABLE**
[72] RAUCHT, SCOTT H., US
[72] PERULLO, DAVID, US
[71] RAUCHT, SCOTT H., US
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[54] **EXTERNAL GEAR PUMP INTEGRATED WITH TWO INDEPENDENTLY DRIVEN PRIME MOVERS**
[54] **POMPE A ENGRENAGES EXTERIEURS INTEGREE A DEUX APPAREILS MOTEURS ENTRAINES INDEPENDAMMENT**
[72] AFSHARI, THOMAS, US
[71] PROJECT PHOENIX, LLC, US
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[54] **RAMAN-TRIGGERED ABLATION/RESECTION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'ABLATION/RESECTION DECLENCHES PAR UN RAPPORTEUR RAMAN**
[72] KIRCHER, MORITZ, US
[72] TOLEDO-CROW, RICARDO, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[54] **BAGUE DENTAIRE**
[72] WYCHOWANSKI, PIOTR, PL
[72] CHROSCICKA, ANNA, PL
[72] LEWANDOWSKA-SZUMIEL, MALGORZATA, PL
[72] KALASZCZYNSKA, ILONA, PL
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[54] **APPARATUSES AND METHODS FOR ENCLOSING A FILLING IN A FOOD PRODUCT**
[54] **APPAREILS ET PROCEDES POUR ENFERMER UN FOURRAGE DANS UN PRODUIT ALIMENTAIRE**
[72] JENSEN, MALLORY, US
[72] DUPUIS, JOEL, US
[72] LOBAR, PETER, CH
[72] ROIG, FRANCISCO, FR
[72] DALLATURCA, GIANNI, IT
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[54] **CHARGING DEVICE FOR AN ELECTRICALLY CHARGEABLE VEHICLE**
[54] **DISPOSITIF DE CHARGE POUR UN VEHICULE ELECTRIQUE RECHARGEABLE**
[72] BUHS, FLORIAN, DE
[72] LASKE, ANDREAS, DE
[72] ROMPE, ANDRE, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **METHOD FOR RELOADING A SINGLE-FLUTE DRILL, AND SINGLE-FLUTE DRILL**
[54] **PROCEDE POUR REEQUIPER UN FORET A UNE LEVRE ET FORET A UNE LEVRE**
[72] HILLER, JORG, DE
[72] WENZELBURGER, JURGEN, DE
[71] BOTEK PRAZISIONSBOHRTECHNIK GMBH, DE
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[54] **WIND TURBINE ROTOR BLADE TRAILING EDGE SEGMENT**
[54] **SEGMENT DE BORD DE FUITE D'UNE PALE DE ROTOR D'UNE EOLIENNE**
[72] SPIETH, FALK, DE
[72] RUBNER, FLORIAN, DE
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[71] WOBBEN PROPERTIES GMBH, DE
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[54] **SHROUD HANGER ASSEMBLY**
[54] **ENSEMBLE DISPOSITIF DE SUSPENSION DE CARENAGE**
[72] SCHILLING, JAN CHRISTOPHER, US
[72] BRESLIN, ANDREW JOHN, US
[72] HEITMAN, BRYCE LORING, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] FR
[54] **LUBRICATING COMPOSITIONS FOR MOTOR VEHICLES**
[54] **COMPOSITIONS LUBRIFIANTES POUR VEHICULE A MOTEUR**
[72] SANSON, JULIEN, FR
[72] DA COSTA D'AMBROS, ALDER, FR
[72] KHELIDJ, NADJET, CH
[71] TOTAL MARKETING SERVICES, FR
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **BONE IMPLANTS**
[54] **IMPLANTS OSSEUX**
[72] LAVIGNE, CHRISTOPHE, US
[72] RICHARD, PATRICK, FR
[72] MERCIER, ALEXIS, FR
[72] LEQUETTE, SAMUEL, FR
[71] LDR MEDICAL, FR
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[25] FR
[54] **METHOD FOR PRODUCING A PART CONSISTING OF COMPOSITE MATERIAL BY SYNTHESIS BY MEANS OF A SELF-SUSTAINED REACTION AT A HIGH TEMPERATURE**
[54] **PROCEDE DE FABRICATION D'UNE PIECE EN MATERIAU COMPOSITE PAR SYNTHESE PAR REACTION AUTO-ENTRETENUE A HAUTE TEMPERATURE**
[72] TAILLET, BRICE, FR
[72] PAILLER, RENE, FR
[72] TEYSSANDIER, FRANCIS, FR
[72] PHILIPPE, ERIC, FR
[72] BOUILLON, ERIC, FR
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[25] FR
[54] **GLASS PANEL COMPRISING A PIN AND METHOD FOR MANUFACTURING THE GLASS PANEL**
[54] **VITRAGE COMPRENANT UN PION ET PROCEDE DE FABRICATION DU VITRAGE**
[72] GONNET, ROMAIN, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[25] EN
[54] **AN ELECTROCHLORINATION APPARATUS**
[54] **APPAREIL D'ELECTROCHLORATION**
[72] COLE, MAXWELL, GB
[71] GAFFEY TECHNICAL SERVICES LIMITED, GB
[85] 2017-01-13
[86] 2015-07-03 (PCT/GB2015/000207)
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[54] **ELECTRONIC VAPOUR PROVISION SYSTEM**
[54] **SYSTEME ELECTRONIQUE DE DISTRIBUTION DE VAPEUR**
[72] NEWNS, DAVID, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2017-01-13
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[51] **Int.Cl. B60G 7/02 (2006.01)**
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[54] **FRAME HANGER FOR PROVIDING THRUST ANGLE ALIGNMENT IN VEHICLE SUSPENSION**
[54] **SUPPORT DE CHASSIS POUR LA FOURNITURE DE L'ALIGNEMENT D'UN ANGLE DE POUSSEE DANS UNE SUSPENSION DE VEHICULE**
[72] NOBLE, SHAWN D., US
[72] VAN METER, MATTHEW J., US
[72] MARTIN, JOSEPH, US
[71] HENDRICKSON USA, L.L.C., US
[85] 2017-01-13
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[54] **COMBINATION METHODS FOR TREATING CANCERS**
[54] **COMBINAISONS POUR TRAITER DES CANCERS**
[72] DI PAOLO, JULIE, US
[72] CLARKE, ASTRID, US
[71] GILEAD SCIENCES, INC., US
[85] 2017-01-13
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING OIL AND GAS WELLS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE PUITS DE PETROLE ET DE GAZ**
[72] AKAIGHE, NELSON, US
[72] FERNANDEZ, JORGE, US
[72] JONES, CHRISTIAN, US
[71] SASOL PERFORMANCE CHEMICALS GMBH, DE
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR CONTROLLING PARAFFIN AND ASPHALTENE PROBLEMS IN WELLS**
[54] **COMPOSITIONS ET PROCEDES POUR CONTROLER LES PROBLEMES DE PARAFFINE ET D'ASPHALTENE DANS DES PUITS**
[72] AKAIGHE, NELSON, US
[72] FERNANDEZ, JORGE, US
[72] JONES, CHRISTIAN, US
[72] FILLER, PAUL, US
[71] SASOL PERFORMANCE CHEMICALS GMBH, DE
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[25] EN
[54] **CHASSIS FOR A RAIL VEHICLE**
[54] **TRAIN DE ROULEMENT D'UN VEHICULE FERROVIAIRE**
[72] MEYER, HEIKO, DE
[72] MARKL, HANS JURGEN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-01-16
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[54] **EOLIENNE EQUIPEE D'UN GENERATEUR A ENTRAINEMENT DIRECT**
[72] HARTMANN, ULRICH, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **TIMBRE TRANSDERMIQUE D'OXYMORPHONE**
[72] STINCHCOMB, AUDRA LYNN, US
[72] HAMMELL, DANA CARMEL, US
[72] BANKS, STAN LEE, US
[72] ELDRIDGE, JOSH, US
[72] GOLINSKI, MIROSLAW JERZY, US
[71] BUZZZ PHARMACEUTICALS LIMITED, IE
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[25] EN
[54] **APPARATUSES FOR AND METHODS OF IMPARTING A LASER SURFACE TRETMANT TO AN EXPOSED SURFACE OF A BEARING COMPONENT FOR IMPROVING LUBRICITY; CORRESPONDING BEARING COMPONENT**
[54] **APPAREIL ET PROCEDE POUR ASSURER UN TRAITEMENT DE SURFACE LASER SUR UNE SURFACE EXPOSEE D'UN COMPOSANT PALIER POUR AMELIORER LA LUBRIFIANCE ET COMPOSANT PALIER CORRESPONDANT**
[72] FERREIRA DA SILVA, ANDERSON, BR
[72] CAMPANHA, MARCOS VILODRES, BR
[71] NSK AMERICAS, INC., US
[85] 2017-01-13
[86] 2015-07-16 (PCT/US2015/040693)
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[25] EN
[54] **SYSTEM FOR HOLDING IN A CONDUIT CABLES OR DUCTS WITH DIFFERENT DIAMETERS**
[54] **SYSTEME DE SUPPORT DE CABLES OU CANALISATIONS DE DIAMETRES DIFFERENTS DANS UN CONDUIT**
[72] BEELE, JOHANNES ALFRED, NL
[71] BEELE ENGINEERING B.V., NL
[85] 2017-01-16
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[54] **FIXATIONS A ELEMENTS DE BROCHE REVETUS ET TEXTURES**
[72] KAMAL, MANISH, US
[72] HAYLOCK, LUKE, US
[72] MULAZIMOGLU, HASIM, US
[72] LIEBSCHER, ANDREAS, US
[72] RIZZA, GREGORY, US
[72] PINHEIRO, RODRIGO, US
[71] ARCONIC INC., US
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[54] **FASTENERS WITH DUAL SKIN DEPTH WASHERS**
[54] **DISPOSITIFS DE FIXATION A RONDELLES A DOUBLE PROFONDEUR DE PEAU**
[72] LIEBSCHER, ANDREAS, US
[72] HAYLOCK, LUKE, US
[72] RIZZA, GREGORY, US
[72] MULAZIMOGLU, HASIM, US
[72] PRACHUMSRI, WUDHIDHAM, US
[72] PINHEIRO, RODRIGO, US
[72] KAMAL, MANISH, US
[71] ARCONIC INC., US
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[54] **DEVICE FOR FASTENING A BASEBOARD TO A WALL**
[54] **DISPOSITIF DE FIXATION D'UNE BAGUETTE DE BORD SUR UN MUR**
[72] NEUHOFER JUN., FRANZ, AT
[71] NEUHOFER JUN., FRANZ, AT
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[54] **METHOD FOR HEATING UP STEEL SHEETS AND DEVICE FOR CARRYING OUT THE METHOD**
[54] **PROCEDE DE CHAUFFAGE DE TOLES D'ACIER ET DISPOSITIF PERMETTANT DE METTRE EN □UVRE LEDIT PROCEDE**
[72] HASLMAYR, MICHAEL, AT
[72] KOLNBERGER, SIEGFRIED, AT
[72] KURZ, THOMAS, AT
[72] STEGFELLNER, LEOPOLD, AT
[72] SOMMER, ANDREAS, DE
[71] VOESTALPINE STAHL GMBH, AT
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[54] **CLONOSTACHYS ROSEA INOCULATED PLANT MATERIALS WITH FUNGICIDES AND ADJUVANTS**
[54] **MATERIAUX VEGETAUX INOCULES DE CLONOSTACHYS ROSEA AVEC DES FONGICIDES ET DES ADJUVANTS**
[72] BROWN, WILLIAM, G., CA
[71] ADJUVANTS PLUS USA, INC., US
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[54] **CERAMIC GRAINS AND METHOD FOR THEIR PRODUCTION**
[54] **GRAINS DE CERAMIQUE ET LEUR PROCEDE DE PRODUCTION**
[72] DESILES, STEPHANE, BE
[72] FRANCOIS, HUBERT, BE
[71] MAGOTTEAUX INTERNATIONAL S.A., BE
[85] 2017-01-13
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[54] **CERAMIC GRAINS AND METHOD FOR THEIR PRODUCTION**
[54] **GRAINS DE CERAMIQUE ET LEUR PROCEDE DE FABRICATION**
[72] DESILES, STEPHANE, BE
[72] FRANCOIS, HUBERT, BE
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[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING A LOCATION OF FOULING ON BOILER HEAT TRANSFER SURFACE**
[54] **SYSTEME ET PROCEDE POUR LA DETERMINATION DE LOCALISATION D'ENCRASSEMENT SUR UNE SURFACE DE TRANSFERT DE CHALEUR DE CHAUDIERE**
[72] CARLIER, TIMOTHY M., US
[72] JONES, ANDREW K., US
[71] INTERNATIONAL PAPER COMPANY, US
[71] INTEGRATED TEST & MEASUREMENT, US
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[54] **METHOD FOR THE PREPARATION OF UNIFORM, HIGH MOLAR MASS CYCLIC IMINO ETHER POLYMERS**
[54] **PROCEDE DE PREPARATION DE POLYMERES D'IMINOETHER CYCLIQUE A MASSE MOLAIRE ELEVEE, UNIFORMES**
[72] HOOGENBOOM, RICHARD, NL
[72] MONNERY, BRYN, BE
[71] UNIVERSITEIT GENT, BE
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[54] **MELANGE DE CIMENT SEC**
[72] HOORNAERT, THOMAS, FR
[72] GONICHON, STEPHANE, FR
[72] VRAU, DELPHINE, FR
[72] MAHOUCHE, HUBERT, FR
[72] BAALBAKI, MOUSSA, CH
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[54] **GENETIC MODIFICATION OF (S)-LACTIC ACID PRODUCING THERMOPHILIC BACTERIA**
[54] **MODIFICATION GENETIQUE DE BACTERIES THERMOPHILES PRODUISANT DE L'ACIDE (S)-LACTIQUE**
[72] VAN KRANENBURG, RICHARD, NL
[72] VERHOEF, ANNA, NL
[72] MACHIELSEN, MARINUS PETRUS, NL
[71] PURAC BIOCHEM BV, NL
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[25] EN
[54] **MULTI-USER SEARCH SYSTEM WITH METHODOLOGY FOR PERSONAL SEARCHING**
[54] **SYSTEME DE RECHERCHE MULTI-UTILISATEUR POURVU D'UNE METHODOLOGIE DE RECHERCHE PERSONNELLE**
[72] GOEL, SAMIR, US
[72] CHASTAGNOL, FRANCK, US
[72] AGRAWAL, ABHISHEK, US
[71] DROPBOX, INC., US
[85] 2017-01-24
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[25] EN
[54] **MULTI-USER SEARCH SYSTEM WITH METHODOLOGY FOR INSTANT INDEXING**
[54] **SYSTEME DE RECHERCHE MULTI-UTILISATEUR POURVU D'UNE METHODOLOGIE D'INDEXATION INSTANTANEE**
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[72] CHASTAGNOL, FRANCK, US
[72] AGRAWAL, ABHISHEK, US
[71] DROPBOX, INC., US
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[54] **SYSTEMES ET PROCEDES D'AUTHENTIFICATION DE CONSOMMATEURS**
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[72] GREEN, ALAN, US
[72] GREENWOOD, MARY A., US
[72] SCHAEFERS, EVA, US
[71] AVERY DENNISON CORPORATION, US
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[54] **TRADUCTION DE CONTENU DE LANGUE**
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[72] GENSBURG, WILLIAM, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING ALTERNATIVE USAGES OF CLOSED LOTTERY NETWORKS AND SYSTEMS**
[54] **PROCEDE ET SYSTEME DE MISE EN PLACE D'UTILISATIONS DE SUBSTITUTION DE RESEAUX ET SYSTEMES FERMES DE LOTERIE**
[72] IRWIN, KENNETH EARL, JR., US
[71] SCIENTIFIC GAMES HOLDINGS LIMITED, IE
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[86] 2015-07-16 (PCT/IB2015/055402)
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[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/0481 (2013.01) G06F 3/0484 (2013.01)**
[25] EN
[54] **APPARATUS EQUIPPED WITH A TOUCHSCREEN AND METHOD FOR CONTROLLING SUCH AN APPARATUS**
[54] **APPAREIL EQUIPE D'UN ECRAN TACTILE ET PROCEDE DE COMMANDE D'UN TEL APPAREIL**
[72] WELLHOEFER, ARMIN, DE
[72] JEGLORZ, TOBIAS, DE
[71] WAVELIGHT GMBH, DE
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[51] **Int.Cl. G06Q 30/00 (2012.01) G06T 19/00 (2011.01) G06T 7/10 (2017.01)**
[25] EN
[54] **A METHOD, MOBILE DEVICE AND COMPUTER PROGRAM FOR SUBSTITUTING A FURNISHING COVERING SURFACE OF IN AN IMAGE**
[54] **PROCEDE, DISPOSITIF MOBILE ET PROGRAMME INFORMATIQUE PERMETTANT DE SUBSTITUER UNE SURFACE DE REVETEMENT D'AMEUBLEMENT DANS UNE IMAGE**
[72] AMPOLLINI, FRANCO, IT
[72] ROSSINI, MASSIMO, IT
[72] BEVILACQUA, ALESSANDRO, IT
[72] GHERARDI, ALESSANDRO, IT
[71] MATICAD S.R.L., IT
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[54] **FOURNITURE DE NOTIFICATIONS EN FONCTION DE DONNEES D'ACTIVITE UTILISATEUR**
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[72] TAPLEY, JOHN, US
[71] EBAY INC., US
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[54] **CONTENU VIDEO PERSONNALISE**
[72] KUMMER, DAVID, US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
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[25] EN
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[54] **PROCEDE DE REPRISE SUR DEFAILLANCE PROACTIF POUR UN CALCUL DISTRIBUE**
[72] AL-WAHABI, KHALID S., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **DEFLECTEUR AVANT ACTIF**
[72] ZIELINSKI, JEFFRY J., US
[72] POVINELLI, ANTHONY J., US
[72] MATTHEWS, MARTIN R., US
[72] MANHIRE, JEFFREY B., US
[71] MAGNA INTERNATIONAL INC., CA
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[71] BERLIN HEALS HOLDING AG, CH
[85] 2017-01-30
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[54] **PAYMENT SYSTEM WITH MOBILE DEVICE WHICH DETERMINES THE PAYMENT VEHICLES THAT ARE SUPPORTED BY THE POINT OF SALE**
[54] **SYSTEME DE PAIEMENT PAR DISPOSITIF MOBILE QUI DETERMINE LES INSTRUMENTS DE PAIEMENT PRIS EN CHARGE PAR LE POINT DE VENTE**
[72] MACRAE, JENNIFER MAY, GB
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2017-01-30
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[25] EN
[54] **UNATTENDED RETAIL SYSTEMS, METHODS AND DEVICES FOR LINKING PAYMENTS, LOYALTY, AND REWARDS**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE VENTE AU DETAIL AUTOMATIQUES POUR UNE ASSOCIATION DE PAIEMENTS, DE FIDELITE ET DE RECOMPENSES**
[72] SAGADY, CARY M., US
[72] KOUZNETSOV, DENIS, US
[71] USA TECHNOLOGIES, INC., US
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[51] **Int.Cl. G01B 11/00 (2006.01)**
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[54] **TRACKING METHOD AND TRACKING SYSTEM**
[54] **PROCEDE DE POURSUITE ET SYSTEME DE POURSUITE**
[72] BRALLA, DARIO, CH
[72] KHANDOZHKO, SERHEY, CH
[72] SCHMIDT, PEER, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **TRACKING METHOD AND TRACKING SYSTEM**
[54] **PROCEDE DE POURSUITE ET SYSTEME DE POURSUITE**
[72] BRALLA, DARIO, CH
[72] KHANDOZHKO, SERHEY, CH
[72] SCHMIDT, PEER, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **GESTION DE L'UTILISATION D'ENSEMBLES DE SERVICES PRIVES ET PUBLICS**
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[72] CARTER, WADE E., US
[72] LUMBATIS, KURT ALAN, US
[71] ARRIS ENTERPRISES LLC, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR MULTICAST DELIVERY OF A MANAGED BUNDLE IN SERVICE PROVIDER NETWORKS**
[54] **SYSTEMES ET PROCEDES POUR LA DISTRIBUTION MULTIDIFFUSION D'UN PAQUET GERE DANS DES RESEAUX DE FOURNISSEURS DE SERVICES**
[72] DUBREUIL, THOMAS L., US
[71] ARRIS ENTERPRISES LLC, US
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[54] **DETECTION D'EFFICACITE DE COUPLAGE OPTIQUE**
[72] SMITH, RONALD T., US
[72] ULINSKAS, VIT, US
[72] TSE, BEN, US
[71] NOVARTIS AG, CH
[85] 2017-01-30
[86] 2015-08-18 (PCT/US2015/045641)
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[54] **SURAMPLIFICATEUR DE SIGNAL ELECTROMAGNETIQUE**
[72] TORBETT, PATRICK WILLIAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-30
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[54] **AMELIORATIONS APPORTEES ET ASSOCIEES A DES COMMUNICATIONS SECRETES**
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[72] CULLEN, ALAN MANUEL, GB
[72] PATERSON, KENNETH GRAHAM, GB
[72] SCHULDT, JACOB CHROEIS NAKAMURA, JP
[71] BAE SYSTEMS PLC, GB
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[25] EN
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[54] **APPAREIL ET PROCEDES DE ROUTAGE**
[72] CARNEVALI, GIUSEPPE, IT
[71] NAVIONICS SPA, IT
[85] 2017-01-31
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[54] **PROCEDES ET SYSTEMES PERMETTANT DE FOURNIR DES ENTREES ET DES SORTIES A DES PAIRES DE CELLULES DANS UN DISPOSITIF DE SEPARATION ELECTROCHIMIQUE**
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[71] EVOQUA WATER TECHNOLOGIES LLC, US
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[54] **BIOMATERIAU A REACTION INFLAMMATOIRE REDUITE**
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[72] BATTISON, KYLE, CA
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[54] **PROCEDE POUR PRODUIRE UN ADDITIF COMMERCIAL POUR LE SOL PREPARE A PARTIR DE COMPOST ET DE SOUFRE OXYDE IN SITU ET ADDITIF POUR LE SOL AINSI PREPARE**
[72] WIENS, NEIL, CA
[72] THOMPSON, JEFFREY JOHN, CA
[72] O'DONNELL, CHARLES LEO, CA
[71] BIO-CAN LTD., CA
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[54] **APPAREIL D'EMBALLAGE ET PROCEDES POUR LA FABRICATION D'UN TEL APPAREIL**
[72] WELLS, KEVIN, CA
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[54] **CONVERSION DE MATERIAUX CONTENANT DES POLYMERES EN PRODUITS PETROLIERS**
[72] BAKAYA, PRIYANKA, US
[72] COATES, BENJAMIN RALPH, US
[71] PK CLEAN TECHNOLOGIES, INC., US
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[54] **ANTICORPS ANTI-OSPA ET PROCEDES D'UTILISATION**
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[72] THOMAS, WILLIAM D., JR., US
[72] BOATRIGHT, NAOMI K., US
[72] KLEMPNER, MARK S. J., US
[71] UNIVERSITY OF MASSACHUSETTS, US
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[54] **AMELIORATION APPORTEE A L'ANALYSE D'ELECTROGRAMMES PHYSIOLOGIQUES**
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[54] **APPARATUS FOR RECORDING AND ANALYSING A SURFACE ELECTROCARDIOGRAM (ECG) FOR DISTINGUISHING A PHYSIOLOGICAL SIGNAL FROM NOISE**
[54] **APPAREIL D'ENREGISTREMENT ET D'ANALYSE D'UN ELECTROCARDIOGRAMME (ECG) DE SURFACE POUR DISTINGUER UN SIGNAL PHYSIOLOGIQUE D'UN BRUIT**
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[54] **SYSTEME HAUTE RESOLUTION ET PROCEDE DE COMMANDE DE DEBITS ELEVES ET FAIBLES D'INSUFFLATION**
[72] MANTELL, ROBERT, US
[72] ANDERSEN, ERIC, US
[72] WEAVER, STEVEN, US
[72] WILKE, PAUL, US
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[54] **SYSTEME DE PLANEUR SANS PILOTE DESTINE A UNE DISPERSION DE CHARGE UTILE**
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[71] ALMOG RESCUE SYSTEMS LTD., IL
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[54] **INDUCTION HEATING DEVICE FOR METAL STRIP**
[54] **DISPOSITIF DE CHAUFFAGE INDUCTIF POUR BANDE METALLIQUE**
[72] TAIRA, MASATO, JP
[72] HIROTA, YOSHIAKI, JP
[72] ITOH, TAKEO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **POLYNUCLEOTIDES ET POLYPEPTIDES ISOLES, ET PROCEDES LES UTILISANT POUR AUGMENTER UN RENDEMENT VEGETAL ET/OU DES CARACTERISTIQUES AGRICOLES**
[72] GIL, LIDOR, IL
[72] HILMAN, DROR, IL
[72] VAN-OSS PINHASI, RUTH, IL
[72] RIMON KNOPF, RONIT, IL
[72] BROG, YAACOV MICHA, IL
[72] MATARASSO, NOA, IL
[72] PORATY-GAVRA, LIMOR, IL
[72] OFIR-BIRIN, YIFAT LOUBA, IL
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[54] **PROCEDE DE DETECTION DE MOLECULE CIBLE, ET TROUSSE DESTINEE A ETRE UTILISEE DANS LEDIT PROCEDE**
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[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP
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[54] **A METHOD OF MAKING A CAPACITOR GRADE POWDER AND CAPACITOR GRADE POWDER FROM SAID PROCESS**
[54] **PROCEDE DE FABRICATION DE POUDRE DE QUALITE CONDENSATEUR ET POUDRE DE QUALITE CONDENSATEUR PROVENANT DUDIT PROCEDE**
[72] KATAOKA, EIJI, JP
[72] YOSHIKAWA, SHUHEI, JP
[72] KOENITZER, JOHN, US
[71] GLOBAL ADVANCED METALS USA, INC., US
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[54] **DISPOSITIF HYDROPONIQUE**
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[72] JEONG, WOOHYEUN, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
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[54] **SYSTEMES ET PROCEDES POUR UN TRAITEMENT D'IMAGE COTE DESTINATAIRE**
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[71] FACEBOOK, INC., US
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[54] **OUTIL D'EXCAVATION AU JET POUR AMPLIFIER DES PRESSIONS AU NIVEAU DES EMPLACEMENTS DE PUITS DE FORAGE CIBLES**
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[72] STEPHENSON, STANLEY V., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CORPS MOBILE AUTONOME**
[72] IZAWA, HIROKAZU, JP
[72] MARUTANI, YUUKI, JP
[72] WATANABE, KOTA, JP
[71] TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION, JP
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[72] CHEWNING, SCOTT R., US
[72] JONES, ADAM M., US
[71] ESCO CORPORATION, US
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[54] **TREHALOSE HYDROGELS FOR STABILIZATION AND DELIVERY OF PROTEINS**
[54] **HYDROGELS DE TREHALOSE POUR LA STABILISATION ET L'ADMINISTRATION DE PROTEINES**
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[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **COMPOSITE HOLLOW FIBER MEMBRANE MODULE AND MANUFACTURING METHOD THEREFOR**
[54] **MODULE DE MEMBRANE A FIBRE CREUSE COMPOSITE ET SON PROCEDE DE FABRICATION**
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[72] ANAN, TOMOYA, JP
[72] NAKAMURA, MIKIHIKO, JP
[72] OHASHI, TOSHIHIKO, JP
[71] ASAHI KASEI KABUSHIKI KAISHA, JP
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[54] **COMPOSITION INCLUDING A CURABLE RESIN AND ORGANOPHILICALLY-MODIFIED CLAY FOR SUBTERRANEAN OIL WELL APPLICATIONS**
[54] **COMPOSITION COMPRENANT UNE RESINE DURCISSABLE ET UNE ARGILE MODIFIEE DE MANIERE ORGANOPHILIQUE DESTINEE A DES APPLICATIONS DE PUITS DE PETROLE SOUTERRAIN**
[72] KENNEDY, HERRON J., US
[72] JONES, PAUL JOSEPH, US
[72] ALBRIGHTON, LUCAS DAVID, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PROCESS FOR THE PREPARATION OF 3-(3-CHLORO-1H-PYRAZOL-1-YL)PYRIDINE**
[54] **PROCEDE DE PREPARATION DE 3-(3-CHLORO-1H-PYRAZOL-1-YL)PYRIDINE**
[72] YANG, QIANG, US
[72] LORSBACH, BETH, US
[72] PODHOREZ, DAVID E., US
[71] DOW AGROSCIENCES LLC, US
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[54] **MITRAL VALVE IMPLANTS FOR THE TREATMENT OF VALVULAR REGURGITATION**
[54] **IMPLANTS DE VALVULE MITRALE POUR LE TRAITEMENT DE LA REGURGITATION VALVULAIRE**
[72] KHAIRKHAHAN, ALEXANDER K., US
[72] LESH, MICHAEL D., US
[71] MIDDLE PEAK MEDICAL, INC., US
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[25] EN
[54] **METHODS AND SYSTEMS FOR SELECTIVE QUANTITATION AND DETECTION OF ALLERGENS**
[54] **PROCEDES ET SYSTEMES POUR LA QUANTIFICATION ET LA DETECTION SELECTIVES D'ALLERGENES**
[72] OMAN, TRENT JAMES, US
[72] SCHAFER, BARRY WILLIAM, US
[72] HILL, RYAN CHRISTOPHER, US
[72] SHAN, GUOMIN, US
[71] DOW AGROSCIENCES LLC, US
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[54] **SYSTEMS AND METHODS FOR ANCHORING AN IMPLANT**
[54] **SYSTEMES ET PROCEDES D'ANCRAGE D'UN IMPLANT**
[72] KHAIRKHAHAN, ALEXANDER K., US
[72] LESH, MICHAEL D., US
[72] KLENK, ALAN R., US
[72] MAR, CRAIG, US
[72] DANIELLE, TENE, US
[72] TUN, ZAYA, US
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[25] EN
[54] **IMPROVED ACCURACY CONTINUOUS GLUCOSE MONITORING METHOD, SYSTEM, AND DEVICE**
[54] **PROCEDE, SYSTEME ET DISPOSITIF DE SURVEILLANCE CONTINUE DU GLUCOSE AVEC UNE PRECISION AMELIOREE**
[72] FACCHINETTI, ANDREA, IT
[72] SPARACINO, GIOVANNI, IT
[72] COBELLI, CLAUDIO, IT
[72] KOVATCHEV, BORIS P., US
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
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[54] **NOZZLE AND KEYED FLUSH FACE RECEIVER**
[54] **BUSE ET RECEPTEUR CLAVETE A FACE PLATE**
[72] BALLARD, MARK PAUL, US
[72] BALLARD, CARL PAUL, US
[72] KENDRICK, JOHN TRENT, US
[71] FLOMAX INTERNATIONAL, INC., US
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[54] **LOW PROFILE KNEE BRACE AND METHOD OF USING SAME**
[54] **ATTELLE DE GENOU PEU ENCOMBRANTE ET SON PROCEDE D'UTILISATION**
[72] SELIGMAN, SCOTT, US
[71] DJO, LLC, US
[85] 2017-02-13
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[87] (WO2016/029048)
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[54] **EXHAUST ARRANGEMENT FOR AIRCRAFT HAVING SENSOR**
[54] **ENSEMBLE D'ECHAPPEMENT POUR AERONEF COMPRENANT CAPTEUR**
[72] MCGEE, CRAIG S., US
[72] FRITCHER, SAM R., US
[71] MCGEE, CRAIG S., US
[71] FRITCHER, SAM R., US
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[54] **SYSTEMS AND METHODS FOR SELECTIVE QUANTITATION AND DETECTION OF ALLERGENS**
[54] **SYSTEMES ET PROCEDES DE QUANTIFICATION ET DE DETECTION SELECTIVE D'ALLERGENES**
[72] OMAN, TRENT JAMES, US
[72] SCHAFER, BARRY WILLIAM, US
[72] HILL, RYAN CHRISTOPHER, US
[72] SHAN, GUOMIN, US
[71] DOW AGROSCIENCES LLC, US
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[54] **AN AERIAL SURVEY IMAGE CAPTURE SYSTEM**
[54] **SYSTEME DE CAPTURE D'IMAGE DE LEVE AERIEN**
[72] COPE, SIMON, AU
[72] VON BERTOUCH, MICHAEL, AU
[71] SPOOKFISH INNOVATIONS PTY LTD, AU
[85] 2017-02-14
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[54] **CARBONATED DRINK COMPRISING OMEGA, VITAMINS AND MINERALS**
[54] **BOISSON GAZEUSE COMPRENANT DES ACIDES GRAS OMEGA, DES VITAMINES ET DES MINERAUX**
[72] PHILLIPS, JAMES, US
[72] HAIRSTON, WANDA, US
[71] CHANGE COLA, INC., US
[85] 2017-02-13
[86] 2015-08-14 (PCT/US2015/045380)
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[54] **TREATMENT OF JOINT CONDITIONS**
[54] **TRAITEMENT DE PATHOLOGIES ARTICULAIRES**
[72] BAR-OR, DAVID, US
[71] AMPIO PHARMACEUTICALS, INC., US
[85] 2017-02-13
[86] 2015-08-18 (PCT/US2015/045706)
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[54] **SURGICAL EYE SHIELD**
[54] **ECRAN CHIRURGICAL DE PROTECTION DES YEUX**
[72] WALLIS, ANDREW, AU
[71] WALLIS COOMBE PTY LTD AS TRUSTEE FOR SLEUKY FAMILY TRUST, AU
[85] 2017-02-14
[86] 2015-08-21 (PCT/AU2015/050481)
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[54] **DYNAMIC RATE MATCHING FOR MATERIAL HANDLING**
[54] **ADAPTATION DE DEBIT DYNAMIQUE DE MANIPULATION DE MATERIAU**
[72] OGDEN, RICHARD W., US
[71] DEMATIC CORP., US
[85] 2017-02-13
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[54] **PRESENTING WIRELESS-SPECTRUM USAGE INFORMATION**
[54] **PRESENTATION D'INFORMATIONS D'UTILISATION DE SPECTRE SANS FIL**
[72] MANKU, TAJINDER, CA
[72] KRAVETS, OLEKSIY, CA
[72] HIND, HUGH ROBERT FAULKER, CA
[71] COGNITIVE SYSTEMS CORP., CA
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[51] **Int.Cl. A61K 38/17 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR PREVENTING OR TREATING DISEASES, CONDITIONS, OR PROCESSES CHARACTERIZED BY ABERRANT FIBROBLAST PROLIFERATION AND EXTRACELLULAR MATRIX DEPOSITION**
[54] **COMPOSITIONS ET METHODES DE PREVENTION OU DE TRAITEMENT DE MALADIES, D'AFFECTIONS OU DE PROCESSUS CARACTERISES PAR UNE PROLIFERATION ABERRANTE DES FIBROBLASTES ET UN DEPOT DE MATRICE EXTRACELLULAIRE**
[72] LANDER, CYNTHIA, US
[72] BROPHY, COLLEEN, US
[71] MOERAE MATRIX, INC., US
[85] 2017-02-13
[86] 2015-08-28 (PCT/US2015/047390)
[87] (WO2016/033432)
[30] US (14/473,339) 2014-08-29

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[25] EN
[54] **METHOD OF INCREASING PAPER SURFACE STRENGTH BY USING POLYALUMINUM CHLORIDE IN A SIZE PRESS FORMULATION CONTAINING STARCH**
[54] **PROCEDE D'AUGMENTATION DE LA RESISTANCE SUPERFICIELLE DE PAPIER A L'AIDE DE POLYCHLORURE D'ALUMINIUM DANS UNE FORMULATION POUR PRESSE ENCOLLEUSE CONTENANT DE L'AMIDON**
[72] CASTRO, DAVID J., US
[72] ANDREWS, WILLIAM, US
[72] SCHWARZ, DANIEL E., US
[71] ECOLAB USA INC., US
[85] 2017-02-13
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[54] **MEDICAMENT INFORMATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'INFORMATIONS DE MEDICAMENT**
[72] OSTRANDER, KEVIN, US
[72] DENNY, JOHN W., US
[71] MYLAN INC., US
[85] 2017-02-13
[86] 2015-08-12 (PCT/US2015/044911)
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[30] US (14/460,169) 2014-08-14

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[54] **BALL BEARING CONNECTOR**
[54] **RACCORD DE PALIER A BILLES**
[72] COUSINEAU, ROBERT, CA
[71] COUSINEAU, ROBERT, CA
[85] 2017-02-14
[86] 2015-08-14 (PCT/CA2015/050774)
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[54] **ELECTROCHEMICAL SYSTEMS AND METHODS USING METAL HALIDE TO FORM PRODUCTS**
[54] **SYSTEMES ET PROCEDES ELECTROCHIMIQUES FAISANT INTERVENIR DES HALOGENURES METALLIQUES POUR FORMER DES PRODUITS**
[72] ALBRECHT, THOMAS A., US
[72] SOLAS, DENNIS, US
[72] LECLERC, MARGARETE K., US
[72] WEISS, MICHAEL JOSEPH, US
[72] GILLIAM, RYAN J., US
[72] SELF, KYLE, US
[71] CALERA CORPORATION, US
[85] 2017-02-13
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[54] **BIODEGRADABLE TREHALOSE GLYCOPOLYMERS**
[54] **GLYCOPOLYMERES BIODEGRADABLES DE TREHALOSE**
[72] MAYNARD, HEATHER D., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[25] EN
[54] **A METHOD OF REMOVING CARBON DIOXIDE DURING LIQUID NATURAL GAS PRODUCTION FROM NATURAL GAS AT GAS PRESSURE LETDOWN STATIONS**
[54] **PROCEDE D'ELIMINATION DE DIOXYDE DE CARBONE PENDANT LA PRODUCTION DE GAZ NATUREL LIQUIDE A PARTIR DE GAZ NATUREL DANS DES STATIONS D'ABAISSEMENT DE PRESSION DE GAZ**
[72] LOURENCO, JOSE, CA
[72] MILLAR, MACKENZIE, CA
[71] 1304338 ALBERTA LTD., CA
[71] 1304342 ALBERTA LTD., CA
[85] 2017-02-14
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[25] EN
[54] **ORGANOTELLURIUM COMPOUNDS, COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSES D'ORGANOTELLURE, LEURS COMPOSITIONS ET METHODES D'UTILISATION**
[72] NITZ, MARK, CA
[72] EDGAR, LANDON J., CA
[72] WOUTERS, BRADLY G., CA
[72] HEDLEY, DAVID, CA
[72] WILLIS, LISA M., CA
[72] LUMBA, MATTHEW A., CA
[72] PARK, HANUEL, CA
[72] VELLANKI, RAVI N., CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[71] UNIVERSITY HEALTH NETWORK, CA
[85] 2017-02-14
[86] 2015-08-20 (PCT/CA2015/050793)
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[25] EN
[54] **2-(2,4,5-SUBSTITUTED ANILINE) PYRIMIDINE DERIVATIVE, PHARMACEUTICAL COMPOSITION AND USE THEREOF**
[54] **DERIVE 2-(ANILINE 2,4,5-SUBSTITUEE)PYRIMIDINE, COMPOSITION PHARMACEUTIQUE ET LEUR UTILISATION**
[72] ZHU, XIAOYUN, CN
[72] JI, AINING, CN
[72] JIANG, MINGYU, CN
[71] CHANGZHOU RUNNOR BIOLOGICAL TECHNOLOGY CO., LTD, CN
[85] 2017-02-14
[86] 2015-07-31 (PCT/CN2015/085714)
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[54] **PYRROLOPYRIMIDINE COMPOUNDS USED AS TLR7 AGONIST**
[54] **COMPOSES PYRROLOPYRIMIDINE UTILISES EN TANT QU'AGONISTES DU TLR7**
[72] DING, ZHAOZHONG, CN
[72] WU, HAO, CN
[72] SUN, FEI, CN
[72] WU, LIFANG, CN
[72] YANG, LING, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
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[25] EN
[54] **FLAME-RETARDANT LIGHTWEIGHT STRUCTURAL CORE AND MANUFACTURING METHOD THEREFOR**
[54] **NOYAU STRUCTUREL DE FAIBLE POIDS IGNIFUGE ET SON PROCEDE DE FABRICATION**
[72] YANG, JIN, CN
[72] LI, GUOFENG, CN
[72] WU, HONGWEI, CN
[72] JIANG, QIBIN, CN
[71] ZHUZHOU TIMES NEW MATERIAL TECHNOLOGY CO., LTD (CHINA CORPORATION), CN
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[51] **Int.Cl. C07C 2/86 (2006.01) C07C 15/02 (2006.01) C10G 35/04 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING CONCENTRATE OF AROMATIC HYDROCARBONS FROM LIQUID HYDROCARBON FRACTIONS, AND INSTALLATION FOR IMPLEMENTING SAME**
[54] **PROCEDE POUR OBTENIR UN CONCENTRE D'HYDROCARBURES AROMATIQUES A PARTIR DE FRACTIONS D'HYDROCARBURES LIQUIDES ET INSTALLATION DE SA MISE EN OEUVRE**
[72] IMSHENETSKIY, VLADIMIR VLADISLAVOVICH, RU
[72] PCHELINTSEV, DENIS VASILYEVICH, RU
[72] LISCHINER, JOSEPH IZRAILEVICH, RU
[72] MALOVA, OLGA VASILYEVNA, RU
[72] TARASOV, ANDREY LEONIDOVICH, RU
[71] NGT GLOBAL AG, CH
[85] 2017-02-13
[86] 2015-08-10 (PCT/RU2015/000496)
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[54] **NON-CALORIC SWEETENERS AND METHODS FOR SYNTHESIZING**
[54] **EDULCORANTS NON CALORIQUES ET PROCEDES DE SYNTHESE**
[72] MAO, GUOHONG, US
[72] YU, XIAODAN, US
[71] CONAGEN INC., US
[85] 2017-02-13
[86] 2015-10-02 (PCT/US2015/053777)
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[30] US (62/059,498) 2014-10-03
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[51] **Int.Cl. A61K 31/35 (2006.01) A61K 31/585 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **TREATMENT OF SLEEP APNEA WITH A COMBINATION OF A CARBONIC ANHYDRASE INHIBITOR AND AN ALDOSTERONE ANTAGONIST**
[54] **TRAITEMENT D'APNEE DU SOMMEIL A L'AIDE D'UNE COMBINAISON D'UN INHIBITEUR D'ANHYDRASE CARBONIQUE ET D'UN ANTAGONISTE D'ALDOSTERONE**
[72] BOWDEN, CHARLES H., US
[72] PETERSON, CRAIG, US
[71] VIVUS, INC., US
[85] 2017-02-13
[86] 2015-08-13 (PCT/US2015/044978)
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[51] **Int.Cl. A61B 5/02 (2006.01) H04W 4/00 (2009.01)**
[25] EN
[54] **SYSTEM FOR DETECTING VITAL SIGNS ASSOCIATED WITH THE USE OF DISPOSABLE ABSORBENT ARTICLES**
[54] **SYSTEME POUR CAPTER DES SIGNES VITAUX ASSOCIE A L'UTILISATION D'ARTICLES ABSORBANTS JETABLES**
[72] GONZALEZ MARTINEZ, RAUL, MX
[72] SANCHEZ FERNANDEZ, LUCIA DEL CARMEN, MX
[72] CANALES ESPINOSA DE LOS MONTEROS, CARLOS, MX
[72] CORONA CARLOS, ALBERTO, MX
[71] GRUPO P.I. MABE, S.A. DE C.V., MX
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[30] MX (MX/a/2014/009943) 2014-08-18

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[51] **Int.Cl. E21B 47/16 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **DOWNHOLE WIRELESS TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT SANS FIL DE FOND DE TROU**
[72] VASQUES, RICARDO REVES, DK
[72] MASSEY, DEAN RICHARD, DK
[71] WELLTEC A/S, DK
[85] 2017-02-14
[86] 2015-08-26 (PCT/EP2015/069525)
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[30] EP (14182419.3) 2014-08-27

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[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01) A62B 18/08 (2006.01)**
[25] EN
[54] **RESPIRATORY MASK AND RELATED PORTIONS, COMPONENTS OR SUB-ASSEMBLIES**
[54] **MASQUE RESPIRATOIRE ET PARTIES, COMPOSANTS OU SOUS-ENSEMBLES ASSOCIES**
[72] OLSEN, GREGORY JAMES, NZ
[72] BORNHOLDT, MELISSA CATHERINE, NZ
[72] MARTIN, CAMPBELL NEIL ADDISON, NZ
[72] SPEAR, TONY WILLIAM, NZ
[72] MITTERMEIER, SIMON, NZ
[72] ROSE, HAMISH JOSHUA, NZ
[72] BETTERIDGE, MAX LEON, NZ
[72] NIGHTINGALE, CHRISTOPHER EARL, NZ
[72] PEDERSEN, MATTHEW JAMES, NZ
[72] JOHNSON, SOPHIA ADELE, NZ
[72] ARROWSMITH, MARK JOHN, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2017-02-14
[86] 2015-08-25 (PCT/NZ2015/050119)
[87] (WO2016/032343)
[30] US (62/041,234) 2014-08-25
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[30] US (62/041,262) 2014-08-25
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[51] **Int.Cl. A61M 16/06 (2006.01)**
[25] EN
[54] **HEADGEAR ASSEMBLIES AND INTERFACE ASSEMBLIES WITH HEADGEAR**
[54] **ENSEMBLES CASQUE ET ENSEMBLES D'INTERFACE AVEC CASQUE**
[72] HUDDART, BRETT JOHN, NZ
[72] HAMMER, JEROEN, NZ
[72] SLIGHT, MATTHEW ROBERT GEOFF, NZ
[72] KAPELEVICH, VITALY, NZ
[72] MONROY FELIX, DAVID, NZ
[72] GORDON, CALLUM ROSS, NZ
[72] WALLS, BRUCE MICHAEL, NZ
[72] BORNHOLDT, MELISSA CATHERINE, NZ
[72] STEPHENSON, MATTHEW ROGER, NZ
[72] FREESTONE, PAUL MATHEW, NZ
[72] GRAHAM, RYAN ANTHONY, NZ
[72] MCLAREN, MARK ARVIND, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2017-02-14
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[30] US (62/050,925) 2014-09-16
[30] US (62/053,026) 2014-09-19
[30] US (62/062,720) 2014-10-10
[30] US (62/138,304) 2015-03-25
[30] US (62/159,857) 2015-05-11
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[51] **Int.Cl. G06F 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING FUNCTIONALITY BASED ON DEVICE ORIENTATION**
[54] **SYSTEMES ET PROCEDES POUR PRESENTER UNE FONCTIONNALITE EN FONCTION D'UNE ORIENTATION DU DISPOSITIF**
[72] BALDWIN, ROBERT MICHAEL, US
[71] FACEBOOK, INC., US
[85] 2017-02-14
[86] 2014-08-29 (PCT/US2014/053590)
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[30] US (14/472,137) 2014-08-28

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[51] **Int.Cl. H04L 29/08 (2006.01) H04L 29/12 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO PREDICT END OF STREAMING MEDIA USING A PREDICTION MODEL**
[54] **PROCEDES ET APPAREIL POUR PREDIRE LA FIN D'UNE DIFFUSION MULTIMEDIA EN FLUX CONTINU A L'AIDE D'UN MODELE DE PREDICTION**
[72] BESEHANIC, JAN, US
[71] THE NIELSEN COMPANY (US), LLC, US
[85] 2017-02-14
[86] 2014-12-02 (PCT/US2014/068075)
[87] (WO2016/032553)
[30] US (14/473,602) 2014-08-29

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[51] **Int.Cl. A61H 33/04 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **CANNULA INSERTION SUSTAINING SYSTEMS AND DEVICES**
[54] **SYSTEMES ET DISPOSITIFS DE MAINTIEN D'INSERTION DE CANULE**
[72] LUE, JAW-CHYNG LORMEN, US
[72] HUMAYUN, MARK, US
[71] DOHENY EYE INSTITUTE, US
[85] 2017-02-14
[86] 2015-07-13 (PCT/US2015/040175)
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[30] US (62/047,210) 2014-09-08
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[25] EN
[54] **SUPERPLASTIC-FORMING ALUMINIUM ALLOY PLATE AND PRODUCTION METHOD THEREFOR**
[54] **PLAQUE D'ALLIAGE D'ALUMINIUM A FORMAGE SUPERPLASTIQUE ET SON PROCEDE DE PRODUCTION**
[72] KUDO, TOMOYUKI, JP
[72] SHINZATO, YOSHIFUMI, JP
[72] KURAMOTO, RYO, JP
[71] UACJ CORPORATION, JP
[85] 2017-02-14
[86] 2015-10-08 (PCT/JP2015/005121)
[87] (WO2016/056240)
[30] JP (2014-208188) 2014-10-09

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[51] **Int.Cl. A61B 17/34 (2006.01) A61B 90/00 (2016.01)**
[25] EN
[54] **SURGICAL ACCESS PORT AND ASSEMBLY**
[54] **ENSEMBLE ET ORIFICE D'ACCES CHIRURGICAL**
[72] GRIFFITHS, DOMINIC, GB
[72] EVANS, NICHOLAS, GB
[72] BANNISTER, PETER, GB
[72] WARREN, NEIL, GB
[72] AMOAH, FRANCIS KWEKU EGYIN, GB
[71] ALESI SURGICAL LIMITED, GB
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[54] **CASSETTE D'EXPRESSION AMELIOREE POUR LE CONDITIONNEMENT ET L'EXPRESSION DE VARIANTES DU FACTEUR VIII POUR LE TRAITEMENT DES TROUBLES DE L'HEMOSTASE**
[72] SABATINO, DENISE, US
[72] ELKOUBY, LIRON, US
[72] HIGH, KATHERINE A., US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[71] SABATINO, DENISE, US
[71] ELKOUBY, LIRON, US
[71] HIGH, KATHERINE A., US
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[54] **AGENTS DE LIAISON DE RSPO1 ET LEURS UTILISATIONS**
[72] GURNEY, AUSTIN, US
[71] ONCOMED PHARMACEUTICALS, INC., US
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[54] **UTILISATION D'HYALURONIDASE POUR LE TRAITEMENT DE LA RIGIDITE MUSCULAIRE**
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[72] STECCO, ANTONIO, IT
[71] NEW YORK UNIVERSITY, US
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[54] **BATTERY CHARGER STATUS CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE CHARGEUR DE BATTERIE**
[72] BUTLER, BRIAN F., US
[72] NGUYEN, LINH, US
[72] CLARKE, PATRICK, US
[72] WHITING, JOHN, US
[71] SCHUMACHER ELECTRIC CORPORATION, US
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[54] **BLOC D'ALIMENTATION MULTIFONCTIONNEL COMPACT POUR DEMARRAGE DE SECOURS**
[72] BUTLER, BRIAN F., US
[72] NGUYEN, LINH, US
[72] CLARKE, PATRICK, US
[72] ZHU, SHENZHONG, US
[72] CHEN, XIAO, US
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[54] **A BRACING MEMBER**
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[71] BALLUGA LIMITED, GB
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[54] **DISPOSITIFS EPIDERMIQUES POUR L'ANALYSE DE LA TEMPERATURE ET DE CARACTERISTIQUES DE TRANSPORT THERMIQUE**
[72] ROGERS, JOHN A., US
[72] GAO, LI, US
[72] MALYARCHUK, VIKTOR, US
[72] WEBB, RICHARD CHAD, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
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[54] **PYRIMIDINE UREA COMPOUND CONTAINING ISOXAZOLINES AND USE THEREOF**
[54] **COMPOSE D'UREE DE PYRIMIDINE CONTENANT DES ISOXAZOLINES ET SON UTILISATION**
[72] LIU, CHANGLING, CN
[72] YANG, JICHUN, CN
[72] MA, HONGJUAN, CN
[72] WU, QIAO, CN
[72] CUI, DONGLIANG, CN
[72] YAN, KECHENG, CN
[72] LI, MIAO, CN
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[54] **DISTRIBUTEUR D'ARTICLES ET PROCEDES ASSOCIES**
[72] DEMATTEIS, ROBERT B., US
[72] DEMATTEIS, LINDSEY E., US
[71] DEMATTEIS, ROBERT B., US
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[54] **DIRECTIONAL DRILLING METHODS AND SYSTEMS EMPLOYING MULTIPLE FEEDBACK LOOPS**
[54] **PROCEDES ET SYSTEMES DE FORAGE DIRECTIONNEL UTILISANT DE MULTIPLES BOUCLES D'ASSERVISSEMENT**
[72] DYKSTRA, JASON D., US
[72] XUE, YUZHEN, US
[72] BU, FANPING, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CARTE DE PAIEMENT AYANT DES INDICATEURS A DIODES ELECTROLUMINESCENTES COORDONNES AVEC DES APPLICATIONS DE PAIEMENT STOCKEES**
[72] HANMER, MATTHEW, GB
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] **SEPARATEUR DE DEBRIS DE FORAGE**
[72] MERICAS, CHRISTOPHER JAMES, US
[72] HENRY, KEVIN WAYNE, US
[72] STAIR, TODD ANTHONY, US
[72] DOWNY, LUKE CHRISTOPHER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] SYSTEMS AND METHODS FOR REMOVAL OF ELECTROMAGNETIC DISPERSION AND ATTENUATION FOR IMAGING OF PROPPANT IN AN INDUCED FRACTURE
[54] SYSTEMES ET PROCEDES PERMETTANT L'ELIMINATION DE DISPERSION ET D'ATTENUATION ELECTROMAGNETIQUE POUR L'IMAGERIE D'AGENT DE SOUTENEMENT DANS UNE FRACTURE INDUITE
[72] BARTEL, LEWIS, US
[71] CARBO CERAMICS INC., US
[85] 2017-02-14
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[54] SEALED DOWNHOLE EQUIPMENT AND METHOD FOR FABRICATING THE EQUIPMENT
[54] EQUIPEMENT DE FOND DE TROU SCELLE ET PROCEDE DE FABRICATION DE L'EQUIPEMENT
[72] DOWNEY, LUKE CHRISTOPHER, US
[72] JONES, PAUL JOSEPH, US
[72] BUDLER, NICHOLAS FREDERICK, US
[72] HELMS, LONNIE C., US
[72] STAIR, TODD ANTHONY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] SECURING MECHANISM FOR A DRILLING ELEMENT ON A DOWNHOLE DRILLING TOOL
[54] MECANISME DE FIXATION POUR UN ELEMENT DE FORAGE SUR UN OUTIL DE FORAGE DE FOND DE TROU
[72] GROSZ, GREGORY CHRISTOPHER, US
[72] HINZ, BRANDON JAMES, US
[72] ANDERLE, SETH GARRETT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[72] CASEY, LEO FRANCIS, US
[72] GOESSLING, ANDREW DAVID, US
[71] X DEVELOPMENT LLC, US
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[54] SPIROPYRROLIDINES AS MDM2 INHIBITORS
[54] SPIROPYRROLIDINES UTILES EN TANT QU'INHIBITEURS DE MDM2
[72] CHEN, YI, US
[72] DING, QINGJIE (JACK), US
[72] SUN, YANG-SHENG, US
[71] HUDSON BIOPHARMA INC., US
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[54] COMPOSITIONS FOR INHIBITING INFLAMMATION IN A SUBJECT WITH A SPINAL CORD INJURY AND METHODS OF USING THE SAME
[54] COMPOSITIONS POUR INHIBER UNE INFLAMMATION CHEZ UN SUJET PRESENTANT UNE LESION DE LA MOELLE EPINIERE, ET PROCEDES D'UTILISATION DE CES COMPOSITIONS
[72] CRISCIONE, JASON M., US
[72] REYNOLDS, FRANCIS M., US
[72] DAI, HAINING, US
[72] BADER, REBECCA A., US
[71] PIXARBIO CORPORATION, US
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[54] **DISPOSITIF DE GENERATEUR D'IMPULSION EXTERNE ET PROCEDES ASSOCIES POUR UNE STIMULATION NERVEUSE D'ESSAI**
[72] SCHROEDER, DENNIS, US
[72] MATHUR, PRABODH, US
[72] SAMA, RINDA, US
[72] SCHMID, ERIC, US
[72] KARTEN, STUART, US
[71] AXONICS MODULATION TECHNOLOGIES, INC., US
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[30] US (62/038,131) 2014-08-15
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[54] **ALLIAGES MNNISI MULTICALORIQUES**
[72] STADLER, SHANE, US
[72] ALI, NAUSHAD, US
[72] SAMANTA, TAPAS, US
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
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[54] **COMPOSITE THERMOPLASTIC LAMINATE**
[54] **STRATIFIE COMPOSITE THERMOPLASTIQUE**
[72] MARKOWSKI, ROBERT, US
[72] WEINBERG, MARTIN, US
[72] YUAN, JAMES, US
[71] XAMAX INDUSTRIES, INC., US
[85] 2017-02-14
[86] 2015-08-14 (PCT/US2015/045398)
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[51] **Int.Cl. G02B 6/48 (2006.01) F16L 3/06 (2006.01)**
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[54] **APPARATUS FOR SUPPORTING CABLE**
[54] **APPAREIL POUR CONTENIR UN CABLE**
[72] GILBREATH, KYLE BRADFORD, US
[72] FORRESTER, JOSEPH, US
[72] WILSON, JOSHUA CHARLES, US
[71] HUBBELL INCORPORATED, US
[85] 2017-02-14
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[54] **METHODS AND SYSTEMS FOR LADAR TRANSMISSION**
[54] **PROCEDES ET SYSTEMES DE TRANSMISSION LADAR**
[72] DUSSAN, LUIS CARLOS, US
[71] AEYE, INC., US
[85] 2017-02-14
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[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 20/00 (2012.01)**
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[54] **PAYROLL SYSTEM WITH FLEXIBLE DISBURSEMENT OPTIONS**
[54] **SYSTEME DE PAIE AYANT DES OPTIONS DE DEBOURSEMENT SOUPLES**
[72] PARENTO, STEPHEN A., US
[72] HYNES, RONALD CARL, US
[72] SAHGAL, SHEKHAR, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] **DATA COLLECTION, TRANSFER AND FEEDBACK IN WORKING TOOLS**
[54] **COLLECTE, TRANSFERT ET RETROACTION DE DONNEES DANS DES OUTILS DE FACONNAGE**
[72] BARATTA, ANTHONY, US
[71] BARON INVESTMENTS LLC, US
[85] 2017-02-14
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[54] **MOLECULES HAVING CERTAIN PESTICIDAL UTILITIES, AND INTERMEDIATES, COMPOSITIONS, AND PROCESSES RELATED THERETO**
[54] **MOLECULES PRESENTANT CERTAINES UTILITES PESTICIDES; ET INTERMEDIAIRES, COMPOSITIONS ET PROCEDES ASSOCIES**
[72] BAUM, ERICH W., US
[72] FISCHER, LINDSEY G., US
[72] CROUSE, GARY D., US
[72] SPARKS, THOMAS C., US
[71] DOW AGROSCIENCES LLC, US
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[54] **ADJUSTABLE GARMENT SUPPORT SYSTEM AND KIT FOR THE SAME**
[54] **SYSTEME DE SUPPORT DE VETEMENT REGLABLE ET KIT POUR CE DERNIER**
[72] CIPTAK, VALERIE M., US
[72] YU, KWOK WAH, CN
[72] WEILER, ANDREW, GB
[72] MOYA, JOSEPH, US
[72] NGUYEN, TAN, US
[72] JANOVSKI, ADAM, US
[72] HERMAN, ASHLEY, US
[72] ASCH, LESLIE, US
[71] THOMPSON-WEILER ENTERPRISES LLC, US
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[30] US (62/032,456) 2014-08-01
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[25] EN
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[54] **PROGRAMMATEUR CLINICIEN ELECTROMYOGRAPHIQUE INTEGRE DESTINE A ETRE UTILISE AVEC UN NEUROSTIMULATEUR IMPLANTABLE**
[72] SCHROEDER, DENNIS, US
[72] JIANG, GUANGQIANG, US
[72] WOOCK, JOHN, US
[72] SCHMID, ERIC, US
[71] AXONICS MODULATION TECHNOLOGIES, INC., US
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[54] **COMPOSITIONS DE MATRICE EXTRACELLULAIRE**
[72] BHATIA, MOHIT B., US
[72] HERZBERG, URI, US
[72] KAPLUNOVSKY, ALEKSANDR, US
[72] ZAKA, RAIHANA, US
[72] YE, QIAN, US
[71] HLI CELLULAR THERAPEUTICS, LLC, US
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[54] **IMPLANTS NASAUX, ET SYSTEMES ET PROCEDES D'UTILISATION**
[72] ROSENTHAL, MICHAEL H., US
[72] BARON, SCOTT J., US
[72] GONZALES, DONALD A., US
[72] SAIDI, IYAD S., US
[71] SPIROX, INC., US
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[54] **RELAY-MODE AND DIRECT-MODE OPERATIONS FOR PUSH-TO-TALK-OVER-CELLULAR (POC) USING WIFI TECHNOLOGIES**
[54] **OPERATIONS EN MODE RELAIS ET EN MODE DIRECT POUR DES COMMUNICATIONS POC AU MOYEN DE TECHNOLOGIES WIFI**
[72] PATEL, KRISHNAKANT M., US
[72] VEMPATI, BRAHMANANDA R., US
[72] NEGALAGULI, HARISHA M., US
[71] KODIAK NETWORKS, INC., US
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[54] **METHODS AND SYSTEMS FOR SECURE AND RELIABLE IDENTITY-BASED COMPUTING**
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT INFORMATIQUE SECURISE ET FIABLE BASE SUR L'IDENTITE**
[72] SHEAR, VICTOR HENRY, US
[72] WILLIAMS, PETER ROBERT, US
[72] RHO, JAISOOK, US
[72] REDMOND, TIMOTHY ST. JOHN, US
[71] ADVANCED ELEMENTAL TECHNOLOGIES, INC., US
[85] 2017-02-14
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[54] **SYSTEMS AND METHODS FOR SPINAL CORD STIMULATION**
[54] **SYSTEMES ET PROCEDES DE STIMULATION DE LA MOELLE EPINIERE**
[72] GRILL, WARREN M., US
[72] ZHANG, TIANHE, US
[71] DUKE UNIVERSITY, US
[85] 2017-02-14
[86] 2015-09-25 (PCT/US2015/052487)
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[25] EN
[54] **SYNERGISTIC COMPOSITIONS OF IMMUNOSTIMULATING RECONSTITUTED INFLUENZA VIROSOMES WITH IMMUNOPOTENTIATORS AND VACCINES CONTAINING THEM**
[54] **COMPOSITIONS SYNERGIQUES DE VIROSOMES DE LA GRIPPE RECONSTITUES IMMUNOSTIMULANTS AVEC DES IMMUNOPOTENTIALISATEURS, ET VACCINS LES CONTENANT**
[72] GUPTA, GAURAV, IN
[72] FICHERA, EPIFANIO, IN
[72] GLUECK, REINHARD, IN
[71] CADILA HEALTHCARE LIMITED, IN
[85] 2017-02-15
[86] 2015-09-01 (PCT/IN2015/000340)
[87] (WO2016/035096)
[30] IN (2794/MUM/2014) 2014-09-02

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[25] EN
[54] **SUPERIOR HUMAN PAPILLOMA VIRUS ANTIGENS WITH SUPERIOR IMMUNOLOGICAL PROPERTIES AND VACCINE CONTAINING IT**
[54] **ANTIGENES SUPERIEURS DU PAPILLOMAVIRUS PRESENTANT DES PROPRIETES IMMUNOLOGIQUES SUPERIEURES ET VACCIN LES CONTENANT**
[72] GUPTA, GAURAV, IN
[72] GIANNINO, VIVIANA, IN
[72] GLUECK, REINHARD, IN
[71] CADILA HEALTHCARE LIMITED, IN
[85] 2017-02-15
[86] 2015-09-11 (PCT/IN2015/000355)
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[30] IN (2905/MUM/2014) 2014-09-11

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[25] EN
[54] **FLUORINATED CATALYST SUPPORTS AND CATALYST SYSTEMS**
[54] **SUPPORTS DE CATALYSEURS FLUORES ET SYSTEMES DE CATALYSEURS**
[72] MOORHOUSE, JOHN H., US
[72] CANN, KEVIN J., US
[72] CAO, PHUONG A., US
[72] GOODE, MARK G., US
[72] HARLAN, C. JEFF, US
[72] MARIOTT, WESLEY R., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2017-02-15
[86] 2014-08-19 (PCT/US2014/051698)
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[54] **BRAKE MAINTENANCE INDICATOR**
[54] **INDICATEUR D'ENTRETIEN DE FREINS**
[72] WRIGHT, ERIC C., US
[72] CONNELL, JASON, US
[71] NEW YORK AIR BRAKE LLC, US
[85] 2017-02-15
[86] 2014-08-20 (PCT/US2014/051802)
[87] (WO2016/028285)

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[25] EN
[54] **ELECTRONIC SENSOR APPARATUS, METHODS, AND SYSTEMS**
[54] **APPAREIL DE CAPTEUR ELECTRONIQUE, PROCEDES ET SYSTEMES**
[72] JAASKELAINEN, MIKKO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-15
[86] 2014-09-19 (PCT/US2014/056543)
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[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/127 (2006.01)**
[25] EN
[54] **SWELLGUARD ER ISOLATION TOOL**
[54] **OUTIL D'ISOLATION "SWELLGUARD ER"**
[72] RASHID, EVAN TANVEER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-15
[86] 2014-09-19 (PCT/US2014/056548)
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[51] **Int.Cl. A61J 1/03 (2006.01)**
[25] EN
[54] **MEDICATION PACKAGING AND DOSE REGIMEN SYSTEM**
[54] **EMBALLAGE DE MEDICAMENT ET SYSTEME DE REGIME POSOLOGIQUE**
[72] TERHUNE, JOANNA, US
[72] WARDEN, JEFFREY, US
[72] HOLLAND, CHAD, US
[71] MYLAN INC., US
[85] 2017-02-15
[86] 2015-08-18 (PCT/US2015/045644)
[87] (WO2016/028747)
[30] US (62/039,144) 2014-08-19
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[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **METHODS FOR SYNCHRONIZING WEB SESSIONS AND DEVICES THEREOF**
[54] **PROCEDES DE SYNCHRONISATION DE SESSIONS WEB ET DISPOSITIFS ASSOCIES**
[72] SCODA, ENRICO, IT
[71] USABLENET INC., US
[85] 2017-02-15
[86] 2015-06-19 (PCT/US2015/036717)
[87] (WO2016/032602)
[30] US (14/467,210) 2014-08-25

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[51] **Int.Cl. B21D 17/04 (2006.01)**
[25] EN
[54] **ROLLER WITH COMPOUND ANGLE FLANGE**
[54] **ROULEAU DOTE D'UN REBORD A ANGLE COMPOSE**
[72] DIPIERDOMENICO, LOUIS A., US
[72] OLESINSKA, PAULINA A., US
[72] DOLE, DOUGLAS R., US
[71] VICTAULIC COMPANY, US
[85] 2017-02-15
[86] 2015-08-05 (PCT/US2015/043740)
[87] (WO2016/032707)
[30] US (62/043,956) 2014-08-29

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[25] EN
[54] **OPHTHALMIC SUSPENSION FORMULATION**
[54] **FORMULE DE SUSPENSION OPHTHALMIQUE**
[72] OCHIAI, YASUSHI, JP
[72] KATO, YUKA, JP
[72] SASAKI, MAKI, JP
[72] MATSUMOTO, TAKAFUMI, JP
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2017-02-15
[86] 2015-09-10 (PCT/JP2015/075745)
[87] (WO2016/039422)
[30] JP (2014-185731) 2014-09-11

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[51] **Int.Cl. B32B 3/00 (2006.01)**
[25] EN
[54] **VOIDED LATEX PARTICLES**
[54] **PARTICULES DE LATEX VIDEES**
[72] LIU, LILY, US
[72] DEVONPORT, WAYNE, US
[72] STARK, DANIEL E., US
[72] BOUDREAUX, MATTHEW F., US
[71] ARKEMA INC., US
[85] 2017-02-15
[86] 2015-08-07 (PCT/US2015/044119)
[87] (WO2016/028511)
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[54] **VOIDED LATEX PARTICLES**
[54] **PARTICULES DE LATEX AYANT DES VIDES**
[72] LIU, LILY, US
[72] DEVONPORT, WAYNE, US
[72] STARK, DANIEL E., US
[72] BOUDREAUX, MATTHEW F., US
[71] ARKEMA INC., US
[85] 2017-02-15
[86] 2015-08-07 (PCT/US2015/044120)
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[51] **Int.Cl. B21D 17/04 (2006.01) B21D 22/16 (2006.01)**
[25] EN
[54] **ROLLER FOR ROLL FORMING**
[54] **ROULEAU DE PROFILAGE**
[72] OLESINSKA, PAULINA A., US
[72] REILLY, WILLIAM C., US
[71] VICTAULIC COMPANY, US
[85] 2017-02-15
[86] 2015-08-07 (PCT/US2015/044129)
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[30] US (14/813,215) 2015-07-30

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[25] EN
[54] **METHOD FOR PRODUCING OPTICALLY ACTIVE VALERIC ACID DERIVATIVE**
[54] **PROCEDE DE PRODUCTION D'UN DERIVE D'ACIDE VALERIQUE OPTIQUEMENT ACTIF**
[72] HAYASHI, MASAKI, JP
[72] UKAI, KAZUTOSHI, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2017-02-15
[86] 2015-09-17 (PCT/JP2015/076389)
[87] (WO2016/043253)
[30] JP (2014-189571) 2014-09-18

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[51] **Int.Cl. H04W 4/02 (2009.01) H04W 84/00 (2009.01) G01S 19/01 (2010.01) G08B 21/02 (2006.01)**
[25] EN
[54] **A COMPUTERISED TRACKING AND PROXIMITY WARNING METHOD AND SYSTEM FOR PERSONNEL, PLANT AND EQUIPMENT OPERATING BOTH ABOVE AND BELOW THE GROUND OR THEIR MOVEMENT THEREBETWEEN**
[54] **PROCEDE ET SYSTEME INFORMATISES DE SUIVI ET D'AVERTISSEMENT DE PROXIMITE DESTINES AUX PERSONNELS, INSTALLATIONS ET EQUIPEMENTS INTERVENANT AU SOL ET EN SOUS-SOL OU SE DEPLACANT ENTRE CES DEUX NIVEAUX**
[72] JONES, JEANETTE, AU
[71] EMB SAFETY HELMET PTY LTD, AU
[85] 2017-02-15
[86] 2014-09-10 (PCT/AU2014/000881)
[87] (WO2016/029238)
[30] AU (2014903373) 2014-08-26

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[51] **Int.Cl. A01J 5/00 (2006.01) A01J 7/00 (2006.01) A01J 7/02 (2006.01) A01K 1/12 (2006.01)**
[25] EN
[54] **AUTOMATIC ANIMAL PROCESSING DEVICE**
[54] **DISPOSITIF DE TRAITEMENT AUTOMATIQUE D'ANIMAUX**
[72] ROUSSEAU, VICTOR, CA
[72] JETTE, MARC-ANDRE, CA
[72] LECLAIR, FRANCIS, CA
[71] MILKOMAX, SOLUTIONS LAITIERES INC., CA
[85] 2017-02-16
[86] 2015-07-10 (PCT/CA2015/050645)
[87] (WO2016/026034)
[30] US (62/038,749) 2014-08-18
[30] CA (PCT/CA2014/050951) 2014-10-03

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[51] **Int.Cl. G05B 99/00 (2006.01) B82Y 15/00 (2011.01)**
[25] EN
[54] **GENERATING A CONTROL SEQUENCE FOR QUANTUM CONTROL**
[54] **GENERATION D'UNE SEQUENCE DE COMMANDE POUR COMMANDE QUANTIQUE**
[72] HINCKS, IAN N., CA
[72] GRANADE, CHRIS E., AU
[72] BORNEMAN, TROY W., CA
[72] CORY, DAVID G., CA
[71] QUANTUM VALLEY INVESTMENT FUND LP, CA
[85] 2017-02-15
[86] 2015-09-23 (PCT/CA2015/000500)
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[30] US (62/054,630) 2014-09-24

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[51] **Int.Cl. G01L 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATICALLY CONVERTING TEXTUAL MESSAGES TO MUSICAL COMPOSITIONS**
[54] **SYSTEME ET PROCEDE POUR CONVERTIR AUTOMATIQUEMENT DES MESSAGES TEXTUELS EN COMPOSITIONS MUSICALES**
[72] SERLETIC, MATTHEW MICHAEL, US
[72] BAZYLEVSKY, BO, US
[72] MITCHELL, JAMES, US
[72] KOVAC, RICKY, US
[72] WOODWARD, PATRICK, US
[72] WEBB, THOMAS, US
[72] GROVES, RYAN, US
[71] ZYA, INC., US
[85] 2017-02-15
[86] 2015-08-24 (PCT/US2015/046584)
[87] (WO2016/029217)
[30] US (62/040,842) 2014-08-22
[30] US (62/121,803) 2015-02-27

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[13] A1
[51] **Int.Cl. H04N 19/139 (2014.01) H04N 19/513 (2014.01) H04N 19/61 (2014.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DETERMINING MOTION VECTORS IN A MOTION ESTIMATION PROCESS OF A VIDEO ENCODER**
[54] **PROCEDES ET SYSTEMES PERMETTANT DE DETERMINER DES VECTEURS MOUVEMENTS AU COURS D'UN PROCESSUS D'ESTIMATION DE MOUVEMENT MIS EN □UVRE PAR UN CODEUR VIDEO**
[72] TRUDEAU, LUC, CA
[72] COULOMBE, STEPHANE, CA
[72] DESROSIERS, CHRISTIAN, CA
[71] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
[85] 2017-02-15
[86] 2016-01-28 (PCT/CA2016/000024)
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[30] US (62/109,123) 2015-01-29

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[25] EN
[54] **METHOD AND APPARATUS FOR VIDEO INTERMODAL TRANSCODING**
[54] **PROCEDE ET APPAREIL DE TRANSCODAGE INTERMODAL DE VIDEO**
[72] COULOMBE, STEPHANE, CA
[72] FRANCHE, JEAN-FRANCOIS, CA
[71] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
[85] 2017-02-15
[86] 2016-01-29 (PCT/CA2016/000027)
[87] (WO2016/119048)
[30] US (62/109,120) 2015-01-29

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[51] **Int.Cl. A61K 31/4164 (2006.01) A61K 31/505 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **SOLUTE AND SOLUTE MIXTURE, AND A COMPOSITION CONTAINING AT LEAST ONE SOLUTE, FOR USE IN THE PREVENTION OR TREATMENT OF COSMETIC OR PATHOLOGICAL EFFLORESCENCES CAUSED BY PARTICULATE MATTER**
[54] **SOLUTE ET MELANGE DE SOLUTES ET UNE COMPOSITION CONTENANT AU MOINS UN SOLUTE POUR UNE UTILISATION DANS LA PREVENTION OU LE TRAITEMENT D'EFFLORESCENCES COSMETIQUES OU PATHOLOGIQUESCAUSES PAR DES POUSSIERES EN SUSPENSION**
[72] BILSTEIN, ANDREAS, DE
[72] KRUTMANN, JEAN, DE
[71] BITOP AG, DE
[85] 2017-02-16
[86] 2014-09-24 (PCT/EP2014/070298)
[87] (WO2016/045714)
[30] DE (10 2014 113 781.7) 2014-09-23

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[51] **Int.Cl. F24J 2/54 (2006.01) H01L 31/042 (2014.01)**
[25] EN
[54] **SUN TRACKING DEVICE FOR SOLAR MODULES WITH ELASTIC OR RESILIENT PSEUDO-HINGES**
[54] **DISPOSITIF DE SUIVI SOLAIRE POUR MODULES SOLAIRE MUNIS DE PSEUDO-ARTICULATIONS ELASTIQUES OU A RESSORT**
[72] ALAVI, FIROUZ, DE
[71] OPHTHALMOSYSTEM GMBH, DE
[85] 2017-02-15
[86] 2014-08-15 (PCT/EP2014/067509)
[87] (WO2016/023595)

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[13] A1
[51] **Int.Cl. A21C 9/06 (2006.01) G01F 11/04 (2006.01)**
[25] EN
[54] **A DEPOSITING APPARATUS**
[54] **APPAREIL DE DEPOT**
[72] LINDSAY, THOMAS WILLIAM, AU
[71] LINDSAY, THOMAS WILLIAM, AU
[85] 2017-02-16
[86] 2015-08-20 (PCT/AU2015/050478)
[87] (WO2016/026004)
[30] AU (2014903279) 2014-08-21
[30] AU (2015902402) 2015-06-22

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[13] A1
[51] **Int.Cl. H04W 4/22 (2009.01) H04W 4/12 (2009.01) H04W 12/02 (2009.01) B64C 39/02 (2006.01) H04B 7/00 (2006.01)**
[25] EN
[54] **SECURE SYSTEM FOR EMERGENCY-MODE OPERATION, SYSTEM MONITORING AND TRUSTED ACCESS VEHICLE LOCATION AND RECOVERY**
[54] **SYSTEME SECURISE POUR FONCTIONNEMENT EN MODE D'URGENCE, SURVEILLANCE DE SYSTEME ET LOCALISATION ET RECUPERATION DE VEHICULE A ACCES DE CONFIANCE**
[72] HUBER, SCOTT, CA
[72] MCCALLUM, NEVIN, CA
[72] MCCABE, SEAN, CA
[72] MCDONALD, IAN, CA
[72] NAGY, THOMAS CHARLES, CA
[71] AERYON LABS INC., CA
[85] 2017-02-16
[86] 2015-08-19 (PCT/CA2015/000469)
[87] (WO2016/026023)
[30] US (62/039,168) 2014-08-19

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[25] EN
[54] **EMISSIVE POLYMERIC MATRICES**
[54] **MATRICES POLYMERES EMISSIVES**
[72] PIERGALLINI, REMIGIO, IT
[72] LOUPIS, NIKOLAOS, GR
[72] LIVIU, DRAGOMIR, CA
[71] KLOX TECHNOLOGIES INC., CA
[85] 2017-02-16
[86] 2015-09-15 (PCT/CA2015/050890)
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[30] US (62/050,685) 2014-09-15

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[51] **Int.Cl. C08G 61/12 (2006.01) H01M 4/60 (2006.01)**
[25] EN
[54] **POLYTHIOPHENE DERIVATIVE, SECONDARY CELL CATHODE ACTIVE MATERIAL, AND SECONDARY CELL**
[54] **DERIVE DE POLYTHIOPHENE, MATERIAU ACTIF DE CATHODE D'ACCUMULATEUR ET ACCUMULATEUR**
[72] NOMURA, MASAYOSHI, JP
[71] RICOH COMPANY, LTD., JP
[85] 2017-02-16
[86] 2015-08-07 (PCT/JP2015/072522)
[87] (WO2016/027704)
[30] JP (2014-167007) 2014-08-19

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[51] **Int.Cl. B02C 19/08 (2006.01) A61J 3/02 (2006.01) A61J 7/00 (2006.01)**
[25] EN
[54] **MEDICATION COMMINUTION AND DELIVERY CUP**
[54] **COUPELLE DE BROYAGE ET D'ADMINISTRATION DE MEDICAMENTS**
[72] DOMINY, FREDRICK MAROON, US
[72] ENNS, VALERIE JILL, CA
[72] ENNS, JOHN, CA
[72] FADER, TIMA, CA
[72] FADER, AARON EDWARD, CA
[72] REYNOLDS, TRENT GEORGE, CA
[71] SERRANO MEDICAL SOLUTIONS INC., CA
[85] 2017-02-16
[86] 2015-09-17 (PCT/CA2015/050911)
[87] (WO2016/041083)
[30] US (14/490,604) 2014-09-18

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[51] **Int.Cl. F04D 33/00 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **AIRFLOW GENERATOR AND ARRAY OF AIRFLOW GENERATORS**
[54] **GENERATEUR D'ECOULEMENT D'AIR ET RESEAU DE GENERATEURS D'ECOULEMENT D'AIR**
[72] DUSSEAU, MICHAEL JAMES, US
[72] HOLEN, STEPHEN NILS, US
[71] GE AVIATION SYSTEMS LLC, US
[85] 2017-02-16
[86] 2014-08-25 (PCT/US2014/052547)
[87] (WO2016/032429)

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[51] **Int.Cl. C07C 231/14 (2006.01)**
[25] EN
[54] **IMPROVED PROCESS FOR THE PREPARATION OF LACOSAMIDE AND ITS NOVEL INTERMEDIATE**
[54] **PROCEDE AMELIORE DE PREPARATION DE LACOSAMIDE ET DE SON NOUVEL INTERMEDIAIRE**
[72] RAVI, PONNAIAH, IN
[72] RAJPUT, VISHAL, IN
[72] DHANUNJAYA, MAILAPALLI, IN
[72] ANILKUMAR, BONDADA, IN
[71] RAO, DAVULURI RAMAMOHAN, IN
[85] 2017-02-16
[86] 2015-02-25 (PCT/IN2015/050011)
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[30] IN (4228/CHE/2014) 2014-08-28

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS RELATING TO CANCER THERAPY WITH DNA DAMAGING AGENTS**
[54] **PROCEDES ET COMPOSITIONS CONCERNANT UNE THERAPIE ANTICANCEREUSE AU MOYEN D'AGENTS ENDOMMAGEANT L'ADN**
[72] PITRODA, SEAN P., US
[72] WEICHSELBAUM, RALPH R., US
[72] CONNELL, PHILIP P., US
[71] THE UNIVERSITY OF CHICAGO, US
[85] 2017-02-16
[86] 2014-09-23 (PCT/US2014/056942)
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[30] US (61/881,331) 2013-09-23

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[54] **REVETEMENT BARRIERE PERMEABLE A LA VAPEUR RESISTANT A L'AFFAISSEMENT, APPLICABLE A BASSE TEMPERATURE**
[72] WIERCINSKI, ROBERT A., US
[71] GCP APPLIED TECHNOLOGIES INC., US
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[54] **DRIVE OFF METHOD FROM SUBSEA WELL WITH PIPE RETENTION CAPABILITY**
[54] **PROCEDE DE SORTIE HORS D'UN PUITS SOUS-MARIN AVEC MOYEN DE RETENUE DE TIGE**
[72] DHUET, HERBERT P., US
[72] BAYNE, CHRISTIAN F., US
[72] LAUDERDALE, DONALD P., US
[71] BAKER HUGHES INCORPORATED, US
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[54] **ROUTEUR DE CABLES EN CASCADE**
[72] KELLERMAN, DALLAS, US
[71] CABLOFIL, INC., US
[85] 2017-02-16
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[54] **BRAIN STIMULATION SYSTEM AND USES THEREOF**
[54] **SYSTEME DE STIMULATION CEREBRALE ET SES UTILISATIONS**
[72] WEISS, SHMUEL, IL
[72] KREUTZER, HARALD, DE
[72] HERBET-GRINFELD, ANAT, IL
[71] WIZE-I LTD, IL
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[54] **DETERGENT COMPOSITIONS CONTAINING A BRANCHED SURFACTANT**
[54] **COMPOSITIONS DETERGENTES CONTENANT UN TENSIOACTIF RAMIFIE**
[72] VINSON, PHILLIP KYLE, US
[72] STENGER, PATRICK CHRISTOPHER, US
[72] REILMAN, RANDALL THOMAS, US
[72] SCHEIBEL, JEFFREY JOHN, US
[72] DEPA, PRAVEEN KUMAR, US
[72] URBIN, STEPHANIE ANN, US
[72] STEFFEY, MELINDA PHYLLIS, US
[72] SCHRODER, CLEMENS, DE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **SUITE DE TESTS D'ENREGISTREMENT D'APPEL**
[72] KULKARNI, ALOK, AU
[72] TRAN, LUAN, AU
[71] CYARA SOLUTIONS CORP, US
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[54] **SINUOUS SPRING FOR A FURNITURE ITEM**
[54] **RESSORT SINUEUX POUR UN ARTICLE DE MOBILIER**
[72] KNEWTSON, KELLY M., US
[72] YORK, WILLIAM B., III, US
[72] MCCUNE, DAVID WILLIAM, US
[71] L & P PROPERTY MANAGEMENT COMPANY, US
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[54] **DUCT LINER**
[54] **REVETEMENT DE CONDUIT**
[72] PARKS, JERRY MICHAEL, US
[72] CHACKO, JACOB T., US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[54] **ABIRATERONE ACETATE FORMULATION AND METHODS OF USE**
[54] **FORMULATION D'ACETATE D'ABIRATERONE ET SES PROCEDES D'UTILISATION**
[72] MURPHY, MAURA, US
[72] NEMETH, PAUL, US
[72] BOSCH, H. WILLIAM, US
[72] CALLAHAN, MATTHEW, US
[72] BHAMIDIPATI, SATYA, US
[72] COLEMAN, JASON, US
[72] HILL, CHRISTOPHER, US
[72] NORRET, MARCK, AU
[71] ICEUTICA INC., US
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[54] **SYSTEM AND APPARATUS FOR WASTE DISPOSAL AND CHANGING INFANT-TODDLER BEHAVIOR**
[54] **SYSTEME ET APPAREIL POUR JETER DES DECHETS ET CHANGER LE COMPORTEMENT D'UN BEBE-BAMBIN**
[72] MCCONNELL, THOMAS E., US
[72] LU, YAFEI, US
[71] MCCONNELL, THOMAS E., US
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[86] 2015-08-28 (PCT/US2015/047450)
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[54] **PRESSURE ACTUATED DOWNHOLE TOOL**
[54] **OUTIL DE FOND DE PUITS A ACTIONNEMENT HYDRAULIQUE**
[72] KENNEDY, BRIAN, US
[71] SHALE OIL TOOLS, LLC, US
[85] 2017-02-16
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[54] **CAPTURING AND MANAGING HEALTHCARE INFORMATION**
[54] **CAPTURE ET DE GESTION D'INFORMATIONS DE SOINS DE SANTE**
[72] BAUDET, REMY, US
[72] WESCOTT, ANDREW, US
[71] QUALCOMM LIFE, INC., US
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[54] **INTERACTIVE VOICE RESPONSE SYSTEM CRAWLER**
[54] **ROBOT D'INDEXATION DE SYSTEME DE REPONSE VOCALE INTERACTIVE**
[72] KULKARNI, ALOK, AU
[72] WILLSHIRE, GEOFF, AU
[71] CYARA SOLUTIONS CORP., US
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[54] **SYSTEM AND METHOD FOR UTILIZING VIRTUAL AND REAL CURRENCIES FOR PROCESSING TRANSACTIONS**
[54] **SYSTEME ET PROCEDE DESTINES A UTILISER DES MONNAIES VIRTUELLES ET REELLES POUR LE TRAITEMENT DE TRANSACTIONS**
[72] ROWLEY, JOHN ROGER, US
[72] ROWLEY, MARCIA GENE, US
[71] INTERNATIONAL CRUISE & EXCURSION GALLERY, INC., US
[85] 2017-02-17
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION HAVING IMPROVED CONTENT UNIFORMITY**
[54] **COMPOSITION PHARMACEUTIQUE PRESENTANT UNE UNIFORMITE DE TENEUR AMELIOREE**
[72] PATEL, PRIYANK, IN
[72] PATEL, MAYUR, IN
[72] PATEL, MAHENDRA, IN
[72] SINGH, BALVIR, IN
[72] SEHGAL, ASHISH, IN
[71] INTAS PHARMACEUTICALS LTD., IN
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[54] **GRAPHITE COMPOSITE COOKING PLATE**
[54] **PLAQUE DE CUISSON COMPOSITE EN GRAPHITE**
[72] CORDA, ARNEL, CH
[71] GARLAND COMMERCIAL INDUSTRIES LLC, US
[85] 2017-02-16
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[54] **LIGHT BULB ASSEMBLY HAVING INTERNAL REDIRECTION ELEMENT FOR IMPROVED DIRECTIONAL LIGHT DISTRIBUTION**
[54] **ENSEMBLE D'AMPOULE D'ECLAIRAGE COMPRENANT UN ELEMENT DE REDIRECTION INTERNE POUR UNE REPARTITION DIRECTIONNELLE AMELIOREE DE LA LUMIERE**
[72] DASSANAYAKE, MAHENDRA, US
[72] PETKU, BRIAN, US
[71] ELUMIGEN, LLC, US
[85] 2017-02-16
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[54] **CEMENT COMPOSITIONS HAVING FAST SETTING TIMES AND HIGH COMPRESSIVE STRENGTHS**
[54] **COMPOSITIONS DE CIMENT AYANT DES TEMPS DE PRISE COURTS ET DE HAUTES RESISTANCES A LA COMPRESSION**
[72] AGAPIOU, KYRIACOS, US
[72] PISKLAK, THOMAS J., US
[71] HALLIBURTON ENERGY SERVICES, INC, US
[85] 2017-02-15
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[54] **SYNTHETIC FIBERS WITH ENHANCED STAIN RESISTANCE AND METHODS OF MAKING THE SAME**
[54] **FIBRES SYNTHETIQUES A RESISTANCE AUX TACHES AMELIOREE ET PROCEDES DE FABRICATION DE CELLES-CI**
[72] TUNG, WAE-HAI, US
[72] FIELITZ, GLENN, US
[71] INVISTA TECHNOLOGIES S.A R.L., CH
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[54] **HGF PREPARATION SUITABLE FOR TREATMENT OF NEUROLOGICAL DISORDERS**
[54] **PREPARATION DE HGF CONVENANT AU TRAITEMENT DE TROUBLES NEUROLOGIQUES**
[72] FUKUTA, KAZUHIRO, JP
[72] INOUE, HAYAO, JP
[71] KRINGLE PHARMA INC., JP
[85] 2017-02-16
[86] 2015-08-27 (PCT/JP2015/074310)
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[54] **CONTAINER BASE INCLUDING HEMISPHERICAL ACTUATING DIAPHRAGM**
[54] **BASE DE RECIPIENT COMPRENANT UN DIAPHRAGME D'ACTIONNEMENT HEMISPHERIQUE**
[72] WOLOSZYK, MARK, US
[72] DOLE, OMKAR, US
[72] DOWNING, DAVID, US
[72] MAKI, KIRK EDWARD, US
[72] PHILIP, BRADLEY S., US
[72] STELZER, JAMES, US
[71] AMCOR LIMITED, AU
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[54] **TWO-STAGE CONTAINER BASE**
[54] **BASE DE RECIPIENT A DEUX ETAGES**
[72] MAST, LUKE A., US
[72] STEIH, RICHARD, US
[72] MAKI, KIRK EDWARD, US
[72] DOLE, OMKAR, US
[72] WOLOSZYK, MARK, US
[72] DOWNING, DAVID, US
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[54] **COMPOSITIONS FOR ANTI-INFLAMMATORY, ANTIOXIDANT EFFECTS AND IMPROVED RESPIRATORY FUNCTION BY SPECIFIC HISTONE DEACETYLASE INHIBITION**
[54] **COMPOSITIONS A EFFETS ANTI-INFLAMMATOIRES ET ANTI-OXYDANTS, ET AMELIORATION DE LA FONCTION RESPIRATOIRE PAR UNE INHIBITION SPECIFIQUE DE L'HISTONE DESACETYLASE**
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[72] KARAGIANNIS, THOMAS, AU
[71] MCCORD, DARLENE E., US
[85] 2016-12-22
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[25] EN
[54] **METHODS TO ENHANCE NERVE REGENERATION UTILIZING NEURAL STEM CELLS AND IL12P40**
[54] **PROCEDES POUR AMELIORER UNE REGENERATION NERVEUSE UTILISANT DES CELLULES SOUCHES NEURALES ET IL12P40**
[72] CHIU, ING-MING, TW
[72] CHI, YA-HUI, TW
[72] LEE, DON-CHING, TW
[71] NATIONAL HEALTH RESEARCH INSTITUTES, TW
[71] CHONG, PELE CHOI-SING, TW
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[54] **SYSTEM AND METHOD FOR CONTROLLING PLASMA MAGNETIC FIELD**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'UN CHAMP MAGNETIQUE DE PLASMA**
[72] ZINDLER, RYAN WALTER, CA
[72] FRASER, JONATHAN DAMIAN, CA
[71] GENERAL FUSION INC., CA
[85] 2017-02-15
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[54] **SYSTEMS AND METHODS FOR MANAGING INCOMING CALLS**
[54] **SYSTEMES ET PROCEDES DE GESTION D'APPELS ENTRANTS**
[72] OFFEN, DAVID WILLIAM, CA
[72] SHEA, DANIEL PATRICK, CA
[72] LEON-GARCIA, ALBERTO, CA
[71] OFFEN, DAVID WILLIAM, CA
[71] SHEA, DANIEL PATRICK, CA
[71] LEON-GARCIA, ALBERTO, CA
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[54] **ANTISENSE-BASED SMALL RNA AGENTS TARGETING THE GAG OPEN READING FRAME OF HIV-1 RNA**
[54] **AGENTS A BASE DE PETIT ARN ANTISENS CIBLANT LE CADRE DE LECTURE OUVERT GAG DE L'ARN DU VIH-1**
[72] GATIGNOL, ANNE, CA
[72] SCARBOROUGH, ROBERT, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING / MCGILL UNIVERSITY, CA
[85] 2017-02-15
[86] 2014-08-25 (PCT/CA2014/050814)
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[54] **ADHESIVELY COUPLED POWER-METER FOR MEASUREMENT OF FORCE, TORQUE, AND POWER AND ASSOCIATED METHODS**
[54] **APPAREIL DE MESURE DE PUISSANCE COUPLE DE MANIERE ADHESIVE POUR LA MESURE DE FORCE, DE COUPLE ET DE PUISSANCE, ET PROCEDES ASSOCIES**
[72] FYFE, KIPLING, CA
[72] WAKEHAM, KEITH, CA
[71] 4IIII INNOVATIONS INC., CA
[85] 2017-02-15
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[54] **TITANIUM-BASED COMPOSITIONS, METHODS OF MANUFACTURE AND USES THEREOF**
[54] **COMPOSITIONS A BASE DE TITANE, LEURS PROCEDES DE FABRICATION ET LEURS UTII ISATIONS**
[72] BARIL, ERIC, CA
[72] LEFEBVRE, LOUIS-PHILIPPE, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2017-02-15
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[54] **RECIPIENT DE FLUIDE**
[72] IKEGAMI, TAKESHI, JP
[71] UNICHARM CORPORATION, JP
[85] 2017-02-15
[86] 2015-08-11 (PCT/JP2015/072744)
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[54] **EDGE SEAL ASSEMBLIES FOR HERMETIC INSULATING GLASS UNITS AND VACUUM INSULATING GLASS UNITS**
[54] **ENSEMBLES DE JOINT DE BORD POUR UNITES DE VERRE ISOLANTES (IGU) HERMETIQUES ET UNITES DE VERRE ISOLANTES SOUS VIDE (VIGU)**
[72] STARK, DAVID H., US
[72] HONOR, PATRICK MICHAEL, US
[71] EVERSEALED WINDOWS, INC., US
[85] 2017-02-15
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[72] ITADANI, SATOSHI, JP
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[72] YASUHIRO, TETSUYA, JP
[72] NAGAURA, TAKESHI, JP
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[72] GONDEK, JAY S., US
[72] WARD, JEFFERSON P, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **APPAREIL DE CODAGE DE SIGNAL AUDIO, APPAREIL DE DECODAGE DE SIGNAL AUDIO, METHODE DE CODAGE DE SIGNAL AUDIO ET METHODE DE DECODAGE DE SIGNAL AUDIO**
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[72] EHARA, HIROYUKI, JP
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
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[54] **EDULCORANTS NON CALORIQUES ET PROCEDES DE SYNTHESE**
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[72] YU, XIAODAN, US
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[72] CANN, KEVIN J., US
[72] CAO, PHUONG A., US
[72] GOODE, MARK G., US
[72] HARLAN, C. JEFF, US
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[54] **EDULCORANTS NON CALORIQUES ET PROCEDES POUR LES OBTENIR PAR SYNTHESE**
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[54] **FORAGE A COLONNE PERDUE UTILISANT UN ENSEMBLE DE FOND DE TROU DIRECTIONNEL RECUPERABLE**
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[54] **TETE DE SOUDAGE POUR LE SOUDAGE PAR IMPULSION MAGNETIQUE DE PROFILS TUBULAIRES SUR UN ELEMENT INTERNE CYLINDRIQUE**
[72] APEL, MARTIN, SE
[72] PETTERSSON, KRISTER, SE
[71] VALMET AB, SE
[71] APEL, MARTIN, SE
[71] PETTERSSON, KRISTER, SE
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[72] SEYED AHMADI, MEHRAN, CA
[72] BOLSTER, JOHN CHARLES, CA
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[54] **PROCEDE ET APPAREIL DE PREDICTION DE CRISES EPILEPTIQUES**
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[54] **CADRE ET STRUCTURE DE BERCEAU**
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[71] SHANGHAI XINTANG INDUSTRIAL CO., LTD., CN
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[72] YUWARAJ, THAS, CA
[72] RICHMOND, JOSHUA, CA
[72] SELA, GAI, CA
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[54] **CORPS DE COUPLAGE A CIBLE MICROMOLECULAIRE ACTIVEE DE MANIERE SPECIFIQUE DANS UN MICRO-ENVIRONNEMENT TUMORAL ET SON UTILISATION**
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[72] BIELBY, JON, CA
[71] ARLANXEO SINGAPORE PTE. LTD., SG
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[54] **NOUVEAU SUPPORT D'ADMINISTRATION DE GAZ THERAPEUTIQUES**
[72] PURCELL, MARC, CA
[71] TECHNOLOGIES KHLOROS INC., CA
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[54] **SYSTEME DE PROTECTION DE DISPOSITIF DE PURIFICATION D'HYDROGENE ET PROCEDE FONDE SUR UN SYSTEME DE PRODUCTION D'HYDROGENE PAR REFORMAGE DE METHANOL-EAU**
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[71] GUANGDONG HYDROGEN ENERGY SCIENCE AND TECHNOLOGY CO., LTD, CN
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[54] **INDAZOLE COMPOUNDS AS FGFR KINASE INHIBITOR, PREPARATION AND USE THEREOF**
[54] **COMPOSES INDAZOLE UTILISES COMME INHIBITEURS DE LA FGFR KINASE, PREPARATION ET UTILISATION ASSOCIEES**
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[72] LIU, LEI, CN
[72] JIANG, LEI, CN
[72] HUANG, MIN, CN
[72] ZHA, CHUANTAO, CN
[72] AI, JING, CN
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[72] DING, JIAN, CN
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[54] **GENERATEUR ELECTRIQUE DE PRODUCTION D'HYDROGENE FONDE SUR LE REFORMAGE D'EAU DE METHANOL**
[72] XIANG, HUA, CN
[72] LI, WENXIA, CN
[72] MA, JIN, CN
[72] CAI, RONG, CN
[72] LEI, JIANLIN, CN
[72] YANG, WEITAO, CN
[72] LIANG, WANGUANG, CN
[72] MA, YONGFENG, CN
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[54] **SYSTEME DE DEMARRAGE POUR DEMARRER UN APPAREIL DE PRODUCTION D'HYDROGENE BASE SUR LE REFORMAGE**
[72] XIANG, HUA, CN
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[72] MA, JIN, CN
[72] CAI, RONG, CN
[72] LEI, JIANLIN, CN
[72] YANG, WEITAO, CN
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[25] EN
[54] **SPLICE MODULATING OLIGONUCLEOTIDES AND METHODS OF USE THEREOF**
[54] **OLIGONUCLEOTIDES MODULATEURS D'EPISSAGE ET LEURS PROCEDES D'UTILISATION**
[72] TALLENT, MELANIE, US
[72] LYKENS, NICOLE, US
[72] LUTZ, GORDON, US
[71] LIFESPLICE PHARMA LLC, US
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[54] **FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE**
[72] ASAI, YOSHITOMO, JP
[72] TAKEDA, HIROSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **METHODS FOR PHONETIC INFORMATION SIGNALING**
[54] **PROCEDES DE SIGNALISATION D'INFORMATIONS PHONETIQUES**
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[71] SHARP KABUSHIKI KAISHA, JP
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[54] **MILIEU DE CULTURE POUR CELLULES SOUCHES MESENCHYMATEUSES**
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[72] HARATA, IKUE, JP
[72] SENDA, SHO, JP
[72] OZAWA, HIROKI, JP
[72] KOBAYASHI, TSUYOSHI, JP
[72] TOGUCHIIDA, JUNYA, JP
[72] IKEYA, MAKOTO, JP
[71] AJINOMOTO CO., INC., JP
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[25] EN
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[54] **DISPOSITIF D'INJECTION DE CARBURANT**
[72] KOBAYASHI, MASAYOSHI, JP
[72] MATSUYAMA, RYUSUKE, JP
[72] YAMAGUCHI, KENTA, JP
[72] FUJIWARA, HITOSHI, JP
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
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[25] EN
[54] **FUEL INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION DE CARBURANT**
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[72] MATSUYAMA, RYUSUKE, JP
[72] YAMAGUCHI, KENTA, JP
[72] OGATA, HIDEKI, JP
[72] NISHIURA, TAKEO, JP
[72] FUJIWARA, HITOSHI, JP
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[25] EN
[54] **BATTERY BRACKET TO BE USE IN ELECTRICALLY ASSISTED MOVING BODY, BATTERY UNIT, ELECTRICALLY ASSISTED UNIT, AND ELECTRICALLY ASSISTED MOVING BODY**
[54] **SUPPORT DE BATTERIE DESTINE A ETRE UTILISE DANS UN CORPS MOBILE A ASSISTANCE ELECTRIQUE, UNITE DE BATTERIE, UNITE D'ASSISTANCE ELECTRIQUE, ET CORPS MOBILE A ASSISTANCE ELECTRIQUE**
[72] YOSHIIE, AKIHITO, JP
[72] YAMAGUCHI, KATSUHIRO, JP
[72] NISHIKAWA, MASAFUMI, JP
[72] TAKAMA, AKIRA, JP
[71] SUNSTAR GIKEN KABUSHIKI KAISHA, JP
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[51] **Int.Cl. E21B 33/129 (2006.01) E21B 17/10 (2006.01)**
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[54] **AN APPARATUS FOR SEALING A BORE, A SYSTEM COMPRISING THE APPARATUS AND A METHOD FOR USING THE APPARATUS**
[54] **APPAREIL DE SCELLEMENT DE FORAGE, SYSTEME COMPRENANT LEDIT APPAREIL ET PROCEDE D'UTILISATION DUDIT APPAREIL**
[72] SVARTVATN, TOMMY, NO
[72] BODE, TOM HENNING, NO
[72] HEGGESTAD, FRODE FLUGHEIM, NO
[72] BYE, ARNULF, NO
[72] BERGE, THOMAS, NO
[72] HOLSTAD, EVALD, NO
[72] JOHANSEN, THOMAS BERGAN, NO
[72] JOHANNESSEN, OYVIND NAESS, NO
[71] E HOLSTAD HOLDING AS, NO
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[54] **LIPIDE CATIONIQUE DESTINE A L'ADMINISTRATION D'ACIDES NUCLEIQUES**
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[72] OTA, MASAKI, JP
[72] KUBO, KAZUHIRO, JP
[72] HARASHIMA, HIDEYOSHI, JP
[72] AKITA, HIDETAKA, JP
[72] HATAKEYAMA, HIROTO, JP
[72] NOGUCHI, YUKI, JP
[72] TANGE, KOTA, JP
[72] NAKAI, YUTA, JP
[72] SHIMIZU, NAYUTA, JP
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[54] **PRODUIT PHARMACEUTIQUE CONTENANT UN INHIBITEUR DE TRANSPORTEUR DE PHOSPHATE DEPENDANT DU SODIUM**
[72] OHTAKE, YOSHIHITO, JP
[72] OKAMOTO, NAOKI, JP
[72] ONO, YOSHIYUKI, JP
[72] KASHIWAGI, HIROTAKA, JP
[72] KIMBARA, ATSUSHI, JP
[72] HARADA, TAKEO, JP
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[54] **PERFECTIONNEMENTS APPORTES AUX PROCEDES ET AUX SYSTEMES DE RECYCLAGE DES HALOCARBURES**
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[54] **SYSTEME DE VANNE D'UNE CONDUITE DE PUITS A TRAVERS UNE FORMATION CONTENANT DES HYDROCARBURES ET PROCEDE DE FONCTIONNEMENT**
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[54] **DISPOSITIF D'OBSTRUCTION MINIMALE PERMETTANT L'ADMINISTRATION DE FLUIDES ET PROCEDE D'UTILISATION**
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[54] **PROCEDES ET COMPOSITIONS PERMETTANT D'EVALUER LE RISQUE DE CANCER D'UNE LIGNEE GERMINALE**
[72] OSTRER, HARRY, US
[72] LOKE, JOHNNY C., US
[72] PEARLMAN, ALEXANDER, US
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[54] **SYSTEM AND METHOD FOR NON-INVASIVE ANALYSIS OF BODILY FLUIDS**
[54] **SYSTEME ET PROCEDE D'ANALYSE NON-INVASIVE DE FLUIDES CORPORELS**
[72] THERKELSEN, SOREN, US
[72] NASERI, SARA, US
[71] QURASENSE INC., US
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[54] **COMPOSITION DE REPARATION TISSULAIRE BIORESORBABLE**
[72] POMRINK, GREGORY J., US
[72] TOSUN, ZEHRA, US
[72] CAO, CECILIA, US
[72] WOODRUFF, ANNABELLE, US
[71] NOVABONE PRODUCTS, LLC, US
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[72] CATALDO, STEVEN H., US
[72] REILLY, THOMAS M., US
[72] REDFORD, RYAN G., US
[72] KANE, DAVID M., US
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[54] **DALLES MOULEES SYNTHETIQUES, ET SYSTEMES ET PROCEDES ASSOCIES**
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[72] DAVIS, MARTIN E., US
[71] CAMBRIA COMPANY LLC, US
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[54] **SYSTEMES D'AERATION DIFFUSEE ET PROCEDES DE NETTOYAGE DE DIFFUSEURS CONTAMINES DANS DES SYSTEMES D'AERATION**
[72] KRALL, JOSEPH G., US
[72] HATCH, SCOTT, US
[72] JONES, JESSE, US
[71] XYLEM WATER SOLUTIONS U.S.A., INC., US
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[54] **METHOD AND APPARATUS FOR POSITIONING HEATING ELEMENTS**
[54] **PROCEDE ET APPAREIL POUR LE POSITIONNEMENT D'ELEMENTS CHAUFFANTS**
[72] LARSON, DAVID D., US
[71] PROGRESS PROFILES SPA, IT
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[54] **SYSTEMS AND COMPUTER-IMPLEMENTED PROCESSES FOR DEPOSITING, WITHDRAWING, AND REUSING CURRENCY FOR PURCHASE TRANSACTIONS USING AN INTELLIGENT TELLER MACHINE**
[54] **SYSTEMES ET PROCESSUS MIS EN □UVRE PAR ORDINATEUR POUR DEPOSER, RETIRER ET REUTILISER DE L'ARGENT POUR DES TRANSACTIONS D'ACHAT A L'AIDE D'UNE MACHINE DE GUICHET INTELLIGENT**
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[72] KOEPPEL, ADAM R., US
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[72] DO, ALEXANDRA, US
[72] BRESLIN, TRACY, US
[72] YIN, EMILY, US
[72] WACHLI, SERENE, US
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[72] FILEK, JACOB J., US
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[54] **GAMMA-DICETONES POUR LE TRAITEMENT ET LA PREVENTION DES RIDES ET DU VIEILLISSEMENT DE LA PEAU**
[72] HOOD, JOHN, US
[72] KC, SUNIL KUMAR, US
[72] KIBAR, OSMAN, US
[72] BARROGA, CHARLENE F., US
[71] SAMUMED, LLC, US
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[54] **METHODS AND APPARATUS FOR SYNTHESIZING NUCLEIC ACIDS**
[54] **PROCEDES ET APPAREIL DE SYNTHESE D'ACIDES NUCLEIQUES**
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[71] MOLECULAR ASSEMBLIES, INC., US
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[54] **PROFILE D'ANGLE DOUBLE EN FIL METALLIQUE, A AUTO-ALIGNEMENT, POUR L'IGNIFUGATION D'UN ELEMENT STRUCTURAL EN ACIER, ET SON PROCEDE D'UTILISATION**
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[71] STEALTH BIOTHERAPEUTICS CORP, KY
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[72] POFCHER, PAUL, US
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[72] TROPPER, MICHAEL, US
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[54] **SYSTEME ET PROCEDE D'ACHEMINEMENT DE DIAGNOSTIC POUR UN GROUPE D'ACCES DE LIAISON**
[72] OSBORNE, ERIC, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
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[54] **FERMETURE D'EXTREMITE DE RECIPIENT A CANAL DE FLUIDE INTEGRE**
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[72] JACOBER, MARK A., US
[71] BALL CORPORATION, US
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[54] **AGENCEMENT DANS UN SYSTEME DE FLECHE**
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[72] HALONEN, MARKO, FI
[71] PONSSE OYJ, FI
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[54] **METHOD, ARRANGEMENT AND USER INTERFACE FOR PRESENTING DATA DESCRIBING FOREST WORK UNIT OPERATION**
[54] **PROCEDE, CONFIGURATION ET INTERFACE D'UTILISATEUR POUR PRESENTER DES DONNEES DECRIVANT UNE OPERATION D'UNITE DE TRAVAUX FORESTIERS**
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[72] RANTA, NIKO, FI
[72] HILJANEN, JARMO, FI
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[54] **APPAREIL ET SYSTEME DE PRODUCTION DE VAPEUR**
[72] VANDIGRIFF, JOHN EDWARD, US
[72] ORBECK, EINAR ARVID, US
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[54] **ELEMENT CHAUFFANT DESTINE A UN CANAL D'ECOULEMENT OU A L'IMPRESSION PAR MOULAGE ET BUSE DE MOULAGE-INJECTION DOTE D'UN TEL ELEMENT CHAUFFANT**
[72] GUNTHER, HERBERT, DE
[72] SOMMER, SIEGRID, DE
[72] SCHNELL, TORSTEN, DE
[72] DROSSLER, RALF, DE
[72] KWIATKOWSKI, MARCO, DE
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[54] **ASSEMBLAGE DE TUYAU DE FLUIDE COMPORTANT UN COMPENSATEUR DE LONGUEUR ET METHODES ASSOCIEES**
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[72] BRAGNALO, TYLER J. F., CA
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[54] **REACTEUR COMPORTANT UNE ANODE SACRIFICIELLE**
[72] EGNER, SIEGFRIED, DE
[72] MARIAKAKIS, LOSIF, DE
[72] CLAUBNITZER, UWE, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **CONTAINER FOR PREPARATION OF A BEVERAGE AND MACHINE FOR AUTOMATED FILLING OF THE CONTAINER**
[54] **CONTENANT DE PREPARATION D'UNE BOISSON ET MACHINE DE REMPLISSAGE AUTOMATISE DU CONTENANT**
[72] LAMB, FREDERICK WILLIAM, US
[72] LAMB, FREDERICK WILLIAM, II, US
[72] CLARK, JAMES F. F., US
[71] PNEUTOOLS, INC., US
[22] 2016-08-11
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[54] **SYSTEMS, METHODS, AND APPARATUSES FOR MANUFACTURING MICRONIZED POWDER**
[54] **SYSTEMES, METHODES ET APPAREILLAGES DE FABRICATION DE POUDRE MICRONISEE**
[72] STRAVINSKI, JASON, US
[72] COUNTS, KARL, US
[72] PETRONI, DAVID, US
[71] LEHIGH TECHNOLOGIES, INC., US
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[54] **PELT BOARD**
[54] **PLANCHE DE PELTRIE**
[72] PEDERSEN, KURT, DK
[71] EIKON TECHNOLOGIES HOLDING S.A.R.L., LU
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[54] **PELT BOARD FOR DRYING TUBULAR PELTS**
[54] **PLANCHE DE PELTRIE SERVANT A SECHER DES PELTRIES TUBULAIRES**
[72] PEDERSEN, KURT, DK
[71] EIKON TECHNOLOGIES HOLDING S.A.R.L., LU
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[54] **METHOD FOR MANUFACTURING CARBON QUANTUM DOTS**
[54] **METHODE DE FABRICATION DE POINTS QUANTIQUES EN CARBONE**
[72] CLAVERIE, JEROME, CA
[72] ZHANG, JIANMING, CA
[71] TRANSFERT PLUS, SOCIETE EN COMMANDITE, CA
[22] 2016-08-18
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[54] **ELECTROSPUN NANOFIBER WEBS FOR MEMBRANE REINFORCEMENT IN FUEL CELLS**
[54] **BANDES DE NANOFIBRES ELECTROFILEES DESTINEES AU RENFORCEMENT DE MEMBRANE DANS LES PILES A COMBUSTIBLE**
[72] LI, JING, CA
[72] WANG, KEPING, CA
[72] YANG, YUNSONG, CA
[71] DAIMLER AG, DE
[71] FORD MOTOR COMPANY, US
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[54] **METHOD OF CONTROLLING A WATER-BASED OIL SAND EXTRACTION PROCESS**
[54] **METHODE DE CONTROLE D'UN PROCEDE D'EXTRACTION DE SABLE BITUMINEUX A BASE D'EAU**
[72] GERVAIS, OLIVIER, CA
[72] BOHRA, LALIT K., US
[72] KOROLUK, DEVON C., CA
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[71] IMPERIAL OIL RESOURCES LIMITED, CA
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[54] **PLANT EXTRACT COMPOSITIONS FOR AFFECTING SLEEP**
[54] **COMPOSITIONS D'EXTRAITS DE PLANTES DESTINEES A AFFECTER LE SOMMEIL**
[72] XIE, XUEJU, CA
[72] KO, YU-LUNG, CA
[72] KO, CHIEN-KUANG, CA
[72] KO, JASON JIANG-CHUNG, CA
[72] GAFNEY, RICHARD WILLIAM, CA
[71] VIVA PHARMACEUTICAL INC., CA
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[25] EN
[54] **PRODUCTION OF CEMENTITIOUS ASH PRODUCTS WITH REDUCED CARBON EMISSIONS**
[54] **PRODUCTION DE PRODUITS A BASE DE CENDRE CIMENTAIRE AYANT DES EMISSIONS REDUITES DE CARBONE**
[72] COMRIE, DOUGLAS C., US
[71] NOX II, LTD., US
[22] 2007-02-07
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[54] **DIMERIC 1-ARYLPYRAZOLE DERIVATIVES**
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[72] MENG, CHARLES Q., US
[71] MERIAL, INC., US
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[54] **MULTIPLE ELECTRODE COMPOSITE SYSTEMS AND METHODS FOR USE IN ELECTROCARDIOGRAM DETECTION SYSTEMS**
[54] **SYSTEMES COMPOSITES D'ELECTRODES MULTIPLES ET PROCEDES D'UTILISATION DANS LES SYSTEMES DE DETECTION D'ELECTROCARDIOGRAMMES**
[72] BURNHAM, KENNETH, US
[72] GORKHALI, SURAJ, US
[72] GREENE, ANDREW, US
[71] FLEXCON COMPANY, INC., US
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[54] **VIP FRAGMENTS AND METHODS OF USE**
[54] **FRAGMENTS DE VIP ET METHODES D'UTILISATION**
[72] DUGGAN, KAREN ANNETTE, AU
[71] VECTUS BIOSYSTEMS LIMITED, AU
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[54] **POLYALKYLENE GLYCOL WITH MOIETY FOR CONJUGATING BIOLOGICALLY ACTIVE COMPOUNDS**
[54] **POLY(ALCYLENEGLYCOL) COMPORTANT DES ENTITES POUR CONJUGUER DES COMPOSES BIOLOGIQUEMENT ACTIFS**
[72] LIN, KOCHUNG, US
[72] PEPINSKY, R. BLAKE, US
[72] CHEN, LING LING, US
[72] HESS, DONNA M., US
[72] LIN, EDWARD Y., US
[72] PETTER, RUSSELL C., US
[72] BAKER, DARREN P., US
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[54] **SUBSTITUTED IMIDAZO[1,2B]PYRIDAZINE COMPOUNDS AS TRK KINASE INHIBITORS**
[54] **COMPOSES IMIDAZO[1,2B]PYRIDAZINE SUBSTITUES COMME INHIBITEURS DE KINASES TRK**
[72] ANDREWS, STEVEN W., US
[72] HAAS, JULIA, US
[72] JIANG, YUTONG, US
[72] ZHANG, GAN, US
[71] ARRAY BIOPHARMA INC., US
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[54] **METHODS FOR PROCESSING A BITUMINOUS FEED**
[54] **PROCEDE DE TRAITEMENT DE MATIERE PREMIERE BITUMINEUSE**
[72] CHEN, CHIEN-CHIANG, US
[72] BOHRA, LALIT KUMAR, US
[72] ADEYINKA, OLUSOLA B., US
[72] TANAKA, PAUL L., US
[72] ABEL, KEITH A., US
[71] IMPERIAL OIL RESOURCES LIMITED, CA
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[25] EN
[54] **STACKED NOODLE FOR HIGH CAPACITY PULL-OFF FOR A COMPOSITE STRINGER**
[54] **SPAGHETTIERE SUPERPOSEE POUR UN RAPPEL A GRANDE CAPACITE DESTINEE A UN LONGERON COMPOSITE**
[72] KAMARAJ, MALMURUGAN, US
[72] MATHESON, DONALD PAUL, US
[71] THE BOEING COMPANY, US
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[54] **ENVIRONMENTAL SENSING**
[54] **DETECTION ENVIRONNEMENTALE**
[72] JENSEN, THOMAS P., US
[72] LAWLER, CASIMIR E., JR., US
[72] SPENCER, JAMES J., US
[72] LARSON, ERIC R., US
[72] BATES, ALLEN M., US
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[25] EN
[54] **ANTIBODY SUBSTITUTING FOR FUNCTION OF BLOOD COAGULATION FACTOR VIII**
[54] **SUBSTITUTION DES ANTICORPS DE LA FONCTION DU FACTEUR VIII DE COAGULATION SANGUINE**
[72] HATTORI, KUNIHIRO, JP
[72] KOJIMA, TETSUO, JP
[72] SAITO, HIROYUKI, JP
[72] MIYAZAKI, TARO, JP
[72] SOEDA, TETSUHIRO, JP
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[54] **SYSTEMS AND METHODS FOR PROVIDING PERSONALIZED DELIVERY SERVICES**
[54] **SYSTEMES ET PROCEDES DE PRESTATION DE SERVICES DE LIVRAISON PERSONNALISES**
[72] RIZZO, JOE S., US
[72] SHROFF, SUMEET, US
[72] KLINGENBERG, ROBERT, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[54] **SYSTEMS AND METHODS FOR INTELLIGENT PAPERLESS DOCUMENT MANAGEMENT**
[54] **SYSTEMES ET PROCEDES POUR GESTION DOCUMENTAIRE ELECTRONIQUE ET INTELLIGENTE**
[72] MALANEY, SANJEEV, IN
[72] KULKARNI, PARAG, IN
[72] VISWANATHAN [illegible]ISHNWAMI, IN
[72] MALANEY, V[illegible]AM, IN
[72] EVANS, JEFFREY, US
[71] CAPSILON CORPORATION, US
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[51] **Int.Cl. A61G 3/00 (2006.01) B60N 2/07 (2006.01) B60N 2/24 (2006.01)**
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[54] **EMERGENCY VEHICLE PATIENT TRANSPORT SYSTEMS**
[54] **SYSTEMES DE TRANSPORT DE PATIENT POUR VEHICULE D'URGENCE**
[72] BOURGRAF, JOSEPH G., US
[72] WELLS, TIMOTHY ROBERT, US
[72] SCHROEDER, TIMOTHY PAUL, US
[71] FERNO-WASHINGTON, INC., US
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[41] 2011-11-03
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[54] **SYSTEMES DE TRANSPORT DE PATIENT POUR VEHICULE D'URGENCE**
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[72] WELLS, TIMOTHY ROBERT, US
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[54] **BONE SCREW AND METHOD FOR MANUFACTURING THE SAME**
[54] **VIS A OS ET SON PROCEDE DE FABRICATION**
[72] WILLERT, WAYNE A., US
[72] WILLERT, ANDREA, US
[71] ORTHOPEDIC MEDICAL CHANNELS, LLC, US
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[25] EN
[54] **ROD DRIVEN CENTRIFUGAL PUMPLING SYSTEM FOR ADVERSE WELL PRODUCTION**
[54] **MECANISME DE POMPAGE CENTRIFUGE A TIGE POUR PRODUCTION DE PUITS EN TOUT TEMPS**
[72] FOUILLARD, PHIL., CA
[72] NOBLE, EVAN, CA
[71] OILFIELD EQUIPMENT DEVELOPMENT CENTER LIMITED, SC
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[54] **CONTROL SYSTEM FOR AN AIR OPERATED DIAPHRAGM PUMP**
[54] **SYSTEME DE COMMANDE POUR POMPE A MEMBRANE PNEUMATIQUE**
[72] REED, DAVID A., IS
[72] HOGUE, TIMOTHY D., IS
[71] PROPORTIONAIR, INC., US
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[25] EN
[54] **CHAIR PAD SYSTEM AND ASSOCIATED, COMPUTER MEDIUM AND COMPUTER-IMPLEMENTED METHODS FOR MONITORING AND IMPROVING HEALTH AND PRODUCTIVITY OF EMPLOYEES**
[54] **SYSTEME DE COUSSIN DE SIEGE, SUPPORT INFORMATIQUE ET PROCEDES INFORMATIQUES ASSOCIES POUR SURVEILLER ET AMELIORER LA SANTE ET LA PRODUCTIVITE D'EMPLOYES**
[72] HORSEMAN, SAMANTHA J., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[41] 2013-01-10
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[54] **LACCASES FOR PULP BIO-BLEACHING**
[54] **LACCASES POUR BLANCHIMENT BIOLOGIQUE DE LA PATE DE CELLULOSE**
[72] KEROVUO, JANNE SAMULI, US
[72] HAREMZA, SYLKE, DE
[72] KOCH, OLIVER, DE
[72] HABICHER, TILO, DE
[72] ROBERTSON, DAN, US
[72] DESANTIS, GRACE, US
[72] MCCANN, RYAN, US
[72] LUGINBUHL, PETER, US
[71] BASF ENZYMES LLC, US
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[54] **BROSSE A DENTS POURVUE D'UN INDICATEUR OPTIQUE**
[72] JUNGNICKEL, UWE, DE
[72] ALTMANN, NICLAS, DE
[71] THE GILLETTE COMPANY LLC, US
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[54] **DUAL MODE FLUSH ACTUATOR**
[54] **DISPOSITIF DE COMMANDE DE CHASSE DOUBLE**
[72] WILSON, JOHN R., US
[72] HERBERT, KAY, US
[72] MO, XIAOXIONG, US
[72] COSTA, ALFRED J., US
[72] ANTHONY, JOSHUA D., US
[72] RENNER, KLAUS H., US
[72] KOWALCZYK, MATTHEW THOMAS, US
[72] KINSLEY, JOSHUA P., US
[72] QUINTUS-BOSZ, HARALD, US
[71] SLOAN VALVE COMPANY, US
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[51] **Int.Cl. A47C 21/04 (2006.01) A47C 27/15 (2006.01)**
[25] EN
[54] **BODY SUPPORT WITH FLUID SYSTEM AND METHOD OF OPERATING SAME**
[54] **SUPPORT DE CORPS COMPRENANT UN SYSTEME DE FLUIDE ET PROCEDE DE FONCTIONNEMENT DE CELUI-CI**
[72] MIKKELSEN, TOM D., US
[72] CHANDLER, KELLY W., US
[71] TEMPUR-PEDIC MANAGEMENT, INC., US
[22] 2009-12-18
[41] 2010-07-01
[62] 2,747,970
[30] US (61/139,957) 2008-12-22
[30] US (61/140,773) 2008-12-24

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[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/00 (2006.01) H05B 6/62 (2006.01)**
[25] EN
[54] **EFFECTIVE SOLVENT EXTRACTION SYSTEM INCORPORATING ELECTROMAGNETIC HEATING**
[54] **SYSTEME EFFICACE D'EXTRACTION PAR SOLVANT IMPLIQUANT UN CHAUFFAGE ELECTROMAGNETIQUE**
[72] CIMOLAI, MAURO, US
[72] EHRESMAN, DERIK, US
[72] TRAUTMAN, MARK, US
[72] EDMUNDS, NEIL, CA
[72] TAYLOR, GEORGE, CA
[71] HARRIS CORPORATION, US
[22] 2010-11-17
[41] 2012-05-24
[62] 2,816,297

[21] **2,957,895**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/00 (2006.01) E21B 43/241 (2006.01) H05B 6/62 (2006.01)**
[25] EN
[54] **EFFECTIVE SOLVENT EXTRACTION SYSTEM INCORPORATING ELECTROMAGNETIC HEATING**
[54] **SYSTEME EFFICACE D'EXTRACTION PAR SOLVANT IMPLIQUANT UN CHAUFFAGE ELECTROMAGNETIQUE**
[72] CIMOLAI, MAURO, US
[72] EHRESMAN, DERIK, US
[72] TRAUTMAN, MARK, US
[72] EDMUNDS, NEIL, CA
[72] TAYLOR, GEORGE, CA
[71] HARRIS CORPORATION, US
[22] 2010-11-17
[41] 2012-05-24
[62] 2,816,297

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[21] **2,957,907**
[13] A1
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[25] EN
[54] **EFFECTIVE SOLVENT EXTRACTION SYSTEM INCORPORATING ELECTROMAGNETIC HEATING**
[54] **SYSTEME EFFICACE D'EXTRACTION PAR SOLVANT IMPLIQUANT UN CHAUFFAGE ELECTROMAGNETIQUE**
[72] CIMOLAI, MAURO, US
[72] EHRESMAN, DERIK, US
[72] EDMUNDS, NEIL, CA
[72] TRAUTMAN, MARK, US
[72] TAYLOR, GEORGE, CA
[71] HARRIS CORPORATION, US
[22] 2010-11-17
[41] 2012-05-24
[62] 2,816,297

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[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/00 (2006.01) E21B 43/241 (2006.01) H05B 6/62 (2006.01)**
[25] EN
[54] **EFFECTIVE SOLVENT EXTRACTION SYSTEM INCORPORATING ELECTROMAGNETIC HEATING**
[54] **SYSTEME EFFICACE D'EXTRACTION PAR SOLVANT IMPLIQUANT UN CHAUFFAGE ELECTROMAGNETIQUE**
[72] CIMOLAI, MAURO, US
[72] EHRESMAN, DERIK, US
[72] EDMUNDS, NEIL, CA
[72] TRAUTMAN, MARK, US
[72] TAYLOR, GEORGE, CA
[71] HARRIS CORPORATION, US
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[41] 2012-05-24
[62] 2,816,297

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[51] **Int.Cl. E05F 15/00 (2015.01) E05F 15/611 (2015.01) E21F 17/00 (2006.01)**
[25] EN
[54] **ARTICULATED MINE DOOR OPENING MECHANISM**
[54] **MECANISME ARTICULE D'OUVERTURE DE PORTES DE MINE**
[72] KENNEDY, WILLIAM R., US
[72] KENNEDY, JOHN M., US
[71] JACK KENNEDY METAL PRODUCTS & BUILDINGS, INC., US
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[62] 2,731,472
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[54] **REMOTE ACCESS CONTROL OF STORAGE DEVICES**
[54] **COMMANDE D'ACCES A DISTANCE DE DISPOSITIFS DE MEMORISATION**
[72] SADOVSKY, VLADIMIR, US
[72] OLARIG, SOMPONG PAUL, US
[72] LIONETTI, CHRIS, US
[72] HAMILTON, JAMES ROBERT, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[25] EN
[54] **LIGHT EMITTING DIODE LUMINAIRE FOR CONNECTION IN SERIES**
[54] **LUMINAIRE A DIODES ELECTROLUMINESCENTES DESTINE A ETRE BRANCHE EN SERIE**
[72] HEBBORN, KEVIN A., US
[72] BOEGE, SAMUAL DAVID, US
[71] DIALIGHT CORPORATION, US
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[54] **TOLERANCE AUX CONTRAINTES BIOTIQUES ET ABIOTIQUES CHEZ LES PLANTES**
[72] GUTTERSON, NEAL I., US
[72] RATCLIFFE, OLIVER, US
[72] QUEEN, EMILY L., US
[72] REUBER, T. LYNNE, US
[72] CENTURY, KAREN S., US
[72] CANALES, ROGER, US
[71] MENDEL BIOTECHNOLOGY, INC., US
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[54] **HALO-HYDROCARBON POLYMER COATING**
[54] **REVETEMENT DE POLYMERE D'HYDROCARBURE HALOGENE**
[72] HUMPHRIES, MARK ROBSON, GB
[72] FERDINANDI, FRANK, GB
[72] SMITH, RODNEY EDWARD, GB
[71] SEMBLANT LIMITED, GB
[22] 2009-08-11
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[62] 2,733,765
[30] GB (0815094.8) 2008-08-18
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[25] EN
[54] **TWO STEP ROUTING PROCEDURE IN A CALL CENTER**
[54] **PROCEDURE D'ACHEMINEMENT EN DEUX ETAPES DANS UN CENTRE D'APPELS**
[72] CHISHTI, ZIA, BM
[71] AFINITI INTERNATIONAL HOLDINGS, LTD., BM
[22] 2009-10-21
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[62] 2,742,958
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[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING A PRICE QUOTATION FOR A TRANSPORTATION SERVICE PROVIDING EQUIPMENT SELECTION CAPABILITY**
[54] **SYSTEME ET METHODE POUR FOURNIR UNE QUOTATION DE PRIX POUR UN SERVICE DE TRANSPORT EN TENANT COMPTE DE L'EQUIPEMENT SELECTIONNE**
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[72] ERNESAKS, ANITA, CA
[71] CANADIAN NATIONAL RAILWAY COMPANY, CA
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[54] **METHOD AND APPARATUS FOR INTRA PREDICTION WITHIN DISPLAY SCREEN**
[54] **PROCEDE ET APPAREIL POUR LA PREDICTION INTRA DANS UN ECRAN D'AFFICHAGE**
[72] KWON, JAE CHEOL, KR
[72] KIM, JOO YOUNG, KR
[71] KT CORPORATION, KR
[22] 2012-05-14
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[30] KR (10-2011-0048130) 2011-05-20
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[54] **CULTIVATION OF HAIR INDUCTIVE CELLS**
[54] **CULTURE DE CELLULES FAVORISANT LA POUSSE DES CHEVEUX**
[72] TEUMER, JEFFREY KELLER, US
[72] QIAO, JIZENG, US
[72] PHILIPS, ERICA, US
[72] WOLOWACZ, RICHARD GREGORY, GB
[71] ADERANS RESEARCH INSTITUTE, INC., US
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[25] EN
[54] **APPARATUS AND METHOD FOR DETERMINING WEIGHTING FUNCTION HAVING LOW COMPLEXITY FOR LINEAR PREDICTIVE CODING (LPC) COEFFICIENTS QUANTIZATION**
[54] **APPAREIL ET PROCEDE POUR DETERMINER UNE FONCTION DE PONDERATION PEU COMPLEXE DESTINEE A LA QUANTIFICATION DE COEFFICIENTS DE CODAGE PAR PREDICTION LINEAIRE (LPC)**
[72] SUNG, HO SANG, KR
[72] OH, EUN MI, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2011-10-18
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[62] 2,814,944
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[25] EN
[54] **SEAFOOD PHYSICAL CHARACTERISTIC ESTIMATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ESTIMATION DES CARACTERISTIQUES PHYSIQUES DES ALIMENTS D'ORIGINE MARINE**
[72] BURKE, TIMOTHY A., CA
[72] GREGSON, PETER H., CA
[72] SEKRETTA, GLEB J., CA
[72] HANKINSON, STEPHEN J.F., CA
[71] BURKE, TIMOTHY A., CA
[71] GREGSON, PETER H., CA
[71] SEKRETTA, GLEB J., CA
[71] HANKINSON, STEPHEN J.F., CA
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[54] **FC VARIANTS WITH ALTERED BINDING TO FCRN**
[54] **VARIANTS DE FC AVEC UNE LIAISON ALTEREE A FCRN**
[72] CHAMBERLAIN, AARON, US
[72] DAHIYAT, BASSIL, US
[72] DESJARLAIS, JOHN RUDOLPH, US
[72] KARKI, SHER BAHADUR, US
[72] LAZAR, GREGORY ALAN, US
[71] XENCOR, INC., US
[22] 2008-12-22
[41] 2009-07-09
[62] 2,703,997
[30] US (61/016,793) 2007-12-26
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[51] **Int.Cl. C12N 15/13 (2006.01) A01K 67/027 (2006.01) C07K 16/00 (2006.01) C12N 5/10 (2006.01) C12N 15/85 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **UNGULATES WITH GENETICALLY MODIFIED IMMUNE SYSTEMS**
[54] **ONGULES DOTES DE SYSTEMES IMMUNITAIRES A MODIFICATION GENETIQUE**
[72] WELLS, KEVIN, US
[72] AYARES, DAVID, US
[71] REVIVICOR, INC., US
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[41] 2006-05-04
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[30] US (60/621,433) 2004-10-22

[21] **2,958,333**
[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/12 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE FOR MODIFICATION OF LEFT ATRIAL APPENDAGE AND RELATED SYSTEMS AND METHODS**
[54] **DISPOSITIF MEDICAL PERMETTANT DE MODIFIER L'APPENDICE AURICULAIRE GAUCHE, PROCEDES ET SYSTEMES ASSOCIES**
[72] MILES, SCOTT D., US
[72] DAVIS, CLARK C., US
[72] EDMISTON, DARYL R., US
[72] LINDER, RICHARD J., US
[71] COHEREX MEDICAL, INC., US
[22] 2010-06-17
[41] 2010-12-23
[62] 2,765,682
[30] US (61/218,018) 2009-06-17
[30] US (61/294,058) 2010-01-11
[30] US (61/320,635) 2010-04-02
[30] US (61/325,230) 2010-04-16
[30] US (61/345,514) 2010-05-17

[21] **2,958,338**
[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/12 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE FOR MODIFICATION OF LEFT ATRIAL APPENDAGE AND RELATED SYSTEMS AND METHODS**
[54] **DISPOSITIF MEDICAL PERMETTANT DE MODIFIER L'APPENDICE AURICULAIRE GAUCHE, PROCEDES ET SYSTEMES ASSOCIES**
[72] MILES, SCOTT D., US
[72] DAVIS, CLARK C., US
[72] EDMISTON, DARYL R., US
[72] LINDER, RICHARD J., US
[71] COHEREX MEDICAL, INC., US
[22] 2010-06-17
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[62] 2,765,682
[30] US (61/218,018) 2009-06-17
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[30] US (61/325,230) 2010-04-16
[30] US (61/345,514) 2010-05-17

[21] **2,958,350**
[13] A1
[51] **Int.Cl. G10L 19/22 (2013.01)**
[25] EN
[54] **SELECTIVE BASS POST FILTER**
[54] **POST-FILTRE DE BASSES SELECTIF**
[72] RESCH, BARBARA, SE
[72] KJORLING, KRISTOFER, SE
[72] VILLEMOES, LARS, SE
[71] DOLBY INTERNATIONAL AB, NL
[22] 2011-06-23
[41] 2012-01-05
[62] 2,928,180
[30] US (61/361237) 2010-07-02

[21] **2,958,354**
[13] A1
[51] **Int.Cl. H04M 3/42 (2006.01)**
[25] EN
[54] **CUSTOMER PREMISES CALL HANDLING**
[54] **SYSTEME DE GESTION DES APPELS AUX LOCAUX COMMERCIAUX DU CLIENT**
[72] FREEMAN, KAREN, CA
[72] MACPHIE, DAVID ROBERT, CA
[72] SHEPPARD, NASAHN ADAM, US
[72] SHORT, JASON EDWARD, US
[72] GEORGIEV, STEPHAN, CA
[71] BCE INC., CA
[22] 2008-06-02
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[62] 2,633,016
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[13] A1
[51] **Int.Cl. B65H 16/00 (2006.01) A44B 18/00 (2006.01) B65H 19/14 (2006.01) B65H 20/34 (2006.01) B65H 21/00 (2006.01) B65H 39/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF FEEDING HOOK FASTENING ELEMENTS INTO A MOLD ASSEMBLY LINE**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'INTRODUIRE DES ELEMENTS DE FIXATION A CROCHETS DANS UNE CHAINE DE MONTAGE DE MOULES**
[72] SHO, YOSHIYUKI, JP
[72] NAKATA, YOSHIFUMI, US
[72] YONESHIMA, HISASHI, JP
[72] YOSHIDA, TOMONARI, US
[72] YOSHIDA, TAKANORI, US
[71] YKK CORPORATION, JP
[22] 2011-11-03
[41] 2012-05-10
[62] 2,816,582
[30] US (12/940,231) 2010-11-05

[21] **2,958,360**
[13] A1
[51] **Int.Cl. G10L 19/26 (2013.01)**
[25] EN
[54] **SELECTIVE BASS POST FILTER**
[54] **POST-FILTRE DE BASSES SELECTIF**
[72] RESCH, BARBARA, SE
[72] KJORLING, KRISTOFER, SE
[72] VILLEMOES, LARS, SE
[71] DOLBY INTERNATIONAL AB, NL
[22] 2011-06-23
[41] 2012-01-05
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[21] **2,958,369**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **A DATABASE SYSTEM WITH DATABASE INDEXES FOR IMPROVED PERFORMANCE**
[54] **SYSTEME DE BASE DE DONNEES AVEC INDICES DE BASE DE DONNEES POUR UNE PERFORMANCE AMELIOREE**
[72] STEWART, HOWARD D., US
[72] RUSSELL, KENNETH, US
[72] WHITTINGTON, PAUL H., US
[71] MCAFEE, INC., US
[22] 2008-03-06
[41] 2008-09-12
[62] 2,680,217
[30] US (11/715,262) 2007-03-06
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[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **SEED METERING ASSEMBLY FOR FARM IMPLEMENT AND HAVING QUICK-CHANGE CAPABILITY AND SECTIONAL CONTROL**
[54] **DOSEUSE DE GRAINES POUR ACCESSOIRE AGRICOLE DOTE DE CHANGEMENT RAPIDE ET DE COMMANDE SECTIONNELLE**
[72] FRIGGSTAD, TERRANCE A., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2011-08-10
[41] 2012-07-06
[62] 2,748,706
[30] US (12/985,584) 2011-01-06

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[51] **Int.Cl. C01B 17/45 (2006.01)**
[25] EN
[54] **BROMINE-FACILITATED SYNTHESIS OF FLUORO-SULFUR COMPOUNDS**
[54] **SYNTHESE FACILITEE PAR LE BROME DE COMPOSES DE FLUORO-SOUFRE**
[72] WINTER, ROLF, US
[71] AVANTBIO CORPORATION, US
[22] 2009-06-11
[41] 2009-12-17
[62] 2,912,893
[30] US (61/060,642) 2008-06-11
[30] US (61/153,180) 2009-02-17
[30] US (61/176,674) 2009-05-08

[21] **2,958,422**
[13] A1
[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **SILENCER FOR VACUUM SYSTEM OF A WOUND DRAINAGE APPARATUS**
[54] **SILENCIEUX POUR SYSTEME DE VIDE D'UN APPAREIL DE DRAINAGE DES PLAIES**
[72] MIDDLETON, MAX, GB
[72] JACOB, STEPHEN, GB
[71] SMITH & NEPHEW PLC, GB
[22] 2008-06-27
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[62] 2,690,986
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ILLINOIS TOOL WORKS INC. 2,953,112
ILLINOIS TOOL WORKS INC. 2,954,944
ILLUMINA, INC. 2,949,984
ILLUMINA, INC. 2,951,416
IMSHENETSKIY, VLADIMIR VLADISLAVOVICH 2,958,104
INDUSTRIE DE NORA S.P.A. 2,953,274
INGLEBY, FLYNN 2,954,390
INNATE PHARMA 2,952,532
INOUE, HAYAO 2,958,342
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 2,954,573
INTAS PHARMACEUTICALS LTD. 2,958,332
INTEGRATED TEST & MEASUREMENT 2,955,299
INTERNATIONAL CRUISE & EXCURSION GALLERY, INC. 2,958,327
INTERNATIONAL PAPER COMPANY 2,955,299
INVENTIO AG 2,954,698
INVENTIO AG 2,954,701
INVISTA TECHNOLOGIES S.A R.L. 2,958,340
IROBOT CORPORATION 2,953,581
IROBOT CORPORATION 2,954,200
IRWIN, KENNETH EARL, JR. 2,956,252
ISAACSON, S. RAY 2,954,382
ISAACSON, S. RAY 2,954,391
ISOLA USA CORP. 2,954,412
ITADANI, SATOSHI 2,958,423
ITOH, TAKEO 2,958,037
IZAWA, HIROKAZU 2,958,050
JAASKELAINEN, MIKKO 2,958,230
JACOBER, MARK A. 2,958,592
JACQ, XAVIER 2,951,683
JAEGER, JULIAN D. 2,953,487
JAEGER, JULIAN D. 2,953,512
JAGDEV, SUJIT PAL SINGH 2,957,604
JANOVSKI, ADAM 2,958,209
JAPAN SCIENCE AND TECHNOLOGY AGENCY 2,958,042
JAVANMARDI, BEHNAM 2,949,984
JEGLORZ, TOBIAS 2,956,341
JENKINS, KENNETH 2,957,763
JENSEN, LYNN E. 2,957,067
JENSEN, MALLORY 2,955,029
JEONG, WOOHYEUN 2,958,044
JETTE, MARC-ANDRE 2,958,249
JI, AINING 2,958,095
JIANG, GUANGQIANG 2,958,210
JIANG, LEI 2,958,503
JIANG, MINGYU 2,958,095
JIANG, QIBIN 2,958,098
JIN, YONGHUI 2,958,533
JOCHNOWITZ, EVAN 2,954,820
JOHANNESSEN, OYVIND NAESS 2,958,541
JOHANSEN, THOMAS BERGAN 2,958,541
JOHNSON SOLID STATE, LLC 2,957,726
JOHNSON, DAVID, JR. 2,957,726
JOHNSON, SOPHIA ADELE 2,958,119
JONES, ADAM M. 2,958,051
JONES, ANDREW K. 2,955,299
JONES, CHRISTIAN 2,955,193
JONES, CHRISTIAN 2,955,195
JONES, JEANETTE 2,958,247
JONES, JESSE 2,958,569
JONES, PAUL JOSEPH 2,958,055
JONES, PAUL JOSEPH 2,958,187
JOYCE, RICHARD CHARLES 2,953,112
JUNG, ADRIAN T. 2,954,922
JUNGNICKEL, UWE 2,952,979
KALANTARI, MASOUD 2,954,424
KALASZCZYNSKA, ILONA 2,955,022
KAMAL, MANISH 2,955,271
KAMAL, MANISH 2,955,275
KANE, DAVID M. 2,958,557

KANG, RICHARD 2,953,216
KAPADIA, SAMIR 2,951,413
KAPELEVICH, VITALY 2,958,120
KAPLAN, JOSHUA 2,952,018
KAPLAN, JOSHUA 2,952,025
KAPLAN, JOSHUA 2,952,037
KAPLUNOVSKY, ALEKSANDR 2,958,211
KARAGIANNIS, THOMAS 2,958,372
KARCHI, HAGAI 2,958,039
KARL, HANS-JURGEN 2,953,861
KARPENKO, ALEXANDRE 2,958,046
KARTEN, STUART 2,958,197
KASHIWAGI, HIROTAKA 2,958,543
KATAN, JOE 2,958,162
KATAOKA, EIJI 2,958,043
KATAYAMA, JUNICHI 2,957,587
KATO, YUKA 2,958,239
KAUP, BURKHARD 2,954,713
KAWASAKI JUKOGYO KABUSHIKI KAISHA 2,958,534
KAWASAKI JUKOGYO KABUSHIKI KAISHA 2,958,535
KAWASHIMA, TAKUYA 2,958,429
KC, SUNIL KUMAR 2,958,580
KELLERMAN, DALLAS 2,958,297
KENDRICK, JOHN TRENT 2,958,069
KENNEALLY, COREY JAMES 2,953,049
KENNEDY, BRIAN 2,958,320
KENNEDY, HERRON J. 2,958,055
KENSICHER, YVES 2,954,459
KESTEN, RANDY J. 2,954,342
KHAIRKHAHAN, ALEXANDER K. 2,958,061
KHAIRKHAHAN, ALEXANDER K. 2,958,065
KHAN, FERDOUS 2,954,957
KHAN, FERDOUS 2,954,960
KHANDOZHKO, SERHEY 2,956,782
KHANDOZHKO, SERHEY 2,956,784
KHAVRUS, VYACHESLAV 2,953,197
KHELIDJ, NADJET 2,955,128
KHURANA, TARUN 2,949,984
KIBAR, OSMAN 2,958,580
KIDWAI, YURSIL A. 2,956,187
KIENLE, STEFAN 2,951,348
KIGUCHI, AKIRA 2,958,054
KIJIMA, HIDEOMI 2,958,423
KIM, JEONGKI 2,957,183
KIM, MUSONG 2,952,012
KIM, MUSONG 2,952,025
KIM, MUSONG 2,952,044
KIM, SUHWOOK 2,957,183
KIMBARA, ATSUSHI 2,958,543
KIND CONSUMER LIMITED 2,953,285
KIPRIJANOV, SERGEJ 2,952,113
KIRCHER, MORITZ 2,955,021
KJÆR, NIKOLAI 2,953,192
KLAFFENBACH, JURGEN 2,954,697
KLAUA, SVEN 2,957,651
KLEIN, CHRISTIAN 2,951,604
KLEMPNER, MARK S. J. 2,958,018
KLENK, ALAN R. 2,958,065
KLOX TECHNOLOGIES INC. 2,958,273
KNAUF INSULATION SPRL 2,954,957
KNAUF INSULATION SPRL 2,954,960
KNAUF INSULATION, INC. 2,954,957
KNAUF INSULATION, INC. 2,954,960
KNEWTSON, KELLY M. 2,958,312
KNIGHT, MATTHEW DAVID 2,957,865
KNORR-BREMSE SYSTEME FUER NUTZFAHRZEUGE GMBH 2,957,988
KOBAYASHI, MASAYOSHI 2,958,534
KOBAYASHI, MASAYOSHI 2,958,535
KOBAYASHI, TSUYOSHI 2,958,533
KODIAK NETWORKS, INC. 2,958,215
KOENITZER, JOHN 2,958,043
KOEPPEL, ADAM R. 2,958,572
KOIKE, TATSUKI 2,951,521
KOLLA, YESHWANT NAGARAJ 2,957,035
KOLNBERGER, SIEGFRIED 2,955,279
KOUZNETSOV, DENIS 2,956,731
KOVAC, RICKY 2,958,251
KOVATCHEV, BORIS P. 2,958,067
KRALL, JOSEPH G. 2,958,569
KRAVETS, OLEKSIY 2,958,084
KREUTZER, HARALD 2,958,299
KRINGLE PHARMA INC. 2,958,342
KRUTMANN, JEAN 2,958,258
KRYLOV, DENIS 2,953,197
KUANG, AMY 2,951,725
KUBE, OLIVER 2,954,514
KUBE, OLIVER 2,954,520
KUBO, KAZUHIRO 2,958,542
KUDO, TOMOYUKI 2,958,132
KUHN, KARSTEN 2,951,348
KULKARNI, ALOK 2,958,309
KULKARNI, ALOK 2,958,326
KUMMER, DAVID 2,956,566
KUNCINGER, THOMAS 2,946,999
KUPSKY, MARCO 2,954,937
KURAMOTO, RYO 2,958,132
KURZ, THOMAS 2,955,279
KUSSEROW, MARTIN 2,954,701
KYOTO UNIVERSITY 2,958,533
L & P PROPERTY MANAGEMENT COMPANY 2,958,312
LAGADEC, JEAN 2,954,313
LAGADEC, JEAN 2,954,362
LAKANEN, JUKKA 2,951,361
LANDER, CYNTHIA 2,958,085
LARSON, DAVID D. 2,958,571
LASHER, RICHARD ALLEN 2,957,067
LASKE, ANDREAS 2,955,061
LAUDERDALE, DONALD P. 2,958,296
LAURENT, BERNARD 2,954,584
LAVIGNE, CHRISTOPHE 2,955,131
LAW, YUK YU 2,957,057
LAZAR, VLADIMIR 2,951,587
LDR MEDICAL 2,955,131
LE GRAS, HERVE 2,954,313
LE GRAS, HERVE 2,954,362
LEACH, JAMES RICHARD HUGHES 2,953,191
LECLAIR, FRANCIS 2,958,249
LECLERC, MARGARETE K. 2,958,089
LEE, DON-CHING 2,958,398
LEFEBVRE, LOUIS-PHILIPPE 2,958,409
LEI, JIANLIN 2,958,505
LEI, JIANLIN 2,958,506
LEIBOWITZ, REBECCA 2,958,549
LEMKEN GMBH & CO. KG 2,954,406
LEON-GARCIA, ALBERTO 2,958,401
LEPOUDRE, PHILIP PAUL 2,958,480
LEQUETTE, SAMUEL 2,955,131
LESH, MICHAEL D. 2,958,061
LESH, MICHAEL D. 2,958,065
LESUEUR, DIDIER 2,954,584
LEVEL 3 COMMUNICATIONS, LLC 2,958,590
LEWANDOWSKA-SZUMIEL, MALGORZATA 2,955,022
LEYRER, REINHOLD JOSEPH 2,952,982
LEYRER, REINHOLD JOSEPH 2,952,983
LEYRER, REINHOLD JOSEPH 2,952,985
LEYRER, REINHOLD JOSEPH 2,952,990
LG ELECTRONICS INC. 2,957,183
LHOIST RECHERCHE ET DEVELOPPEMENT 2,954,584
LI, DACHAO 2,957,605
LI, GUOFENG 2,958,098
LI, KELIN 2,951,924
LI, MIAO 2,958,170
LI, WEI 2,954,221
LI, WENXIA 2,958,505
LI, WENXIA 2,958,506
LIANG, LI-SHIANG 2,957,963
LIANG, TSANYANG 2,951,924
LIANG, WANGUANG 2,958,505
LIANG, WANGUANG 2,958,506
LIE, MICHAEL 2,953,052
LIEBETRAU, CHRISTOPH 2,954,701
LIEBSCHER, ANDREAS 2,955,271
LIEBSCHER, ANDREAS 2,955,275
LIFESPLICE PHARMA LLC 2,958,524
LINDBO, SVERKER 2,953,028
LINDE AKTIENGESELLSCHAFT 2,954,309
LINDLEY, DELOY 2,957,067
LINDSAY, THOMAS WILLIAM 2,958,261
LINNEMAN, CARSTEN 2,953,277
LINNEY, IAN 2,953,198
LINTZ, GERARD 2,953,846
LISCHINER, JOSEPH IZRAILEVICH 2,958,104
LIU, CHANGLING 2,958,170
LIU, CHEN 2,958,495
LIU, LEI 2,958,503
LIU, LILY 2,958,240
LIU, LILY 2,958,241
LIU, YUAN 2,958,495
LIVIU, DRAGOMIR 2,958,273
LM WP PATENT HOLDING A/S 2,951,802
LM WP PATENT HOLDING A/S 2,954,709
LM WP PATENT HOLDING A/S 2,954,716
LOBAR, PETER 2,955,029
LOKE, JOHNNY C. 2,958,550
LOMBARDO, EUGENIO 2,954,323
LONGUET, JEAN-PHILIPPE 2,954,313

LONGUET, JEAN-PHILIPPE 2,954,362
LONZA INC. 2,951,567
LOPEZ, JOHNNY 2,951,567
LOREE II, HOWARD M. 2,957,601
LORSBACH, BETH 2,958,058
LOUPIS, NIKOLAOS 2,958,273
LOURENCO, JOSE 2,958,091
LOW, ROBERT 2,950,389
LOYER-DREW, JENNIFER A. 2,952,012
LOYER-DREW, JENNIFER A. 2,952,037
LU, YAFEI 2,958,317
LUE, JAW-CHYNG LORMEN 2,958,129
LUEMKEMANN, JOERG 2,954,945
LUMBA, MATTHEW A. 2,958,092
LUMBATIS, KURT ALAN 2,956,801
LUTHRINGER, DENIS 2,954,945
LUTZ, GORDON 2,958,524
LUX, THOMAS 2,954,227
LYKENS, NICOLE 2,958,524
LYNN, ZACHARY ROSS 2,957,276
MA, HONGJUAN 2,958,170
MA, JIN 2,958,505
MA, JIN 2,958,506
MA, YONGFENG 2,958,505
MA, YONGFENG 2,958,506
MACHIELSEN, MARINUS PETRUS 2,955,720
MACRAE, JENNIFER MAY 2,956,729
MADER, CHRISTOPHER C. 2,953,216
MADHAVARAO, GOPALAKRISHNAN 2,953,487
MADSEN, KENNETH BANK 2,954,787
MAEURER, MARKUS 2,951,749
MAGNA INTERNATIONAL INC. 2,956,674
MAGNIN, BRUNO 2,954,711
MAGOTTEAUX INTERNATIONAL S.A. 2,955,295
MAGOTTEAUX INTERNATIONAL S.A. 2,955,298
MAHALINGAM, NAGI JAYARAMAN 2,951,548
MAHLER, HANNS-CHRISTIAN 2,954,945
MAHOUCHE, HUBERT 2,955,310
MAI, ANTONELLO 2,953,005
MAIER, WOLFRAM 2,954,321
MAJUMDER, UTSA 2,954,716
MAKI, KIRK EDWARD 2,958,343
MAKI, KIRK EDWARD 2,958,344
MALOVA, OLGA VASILYEVNA 2,958,104
MALYARCHUK, VIKTOR 2,958,168
MANFREDINI, MATTEO 2,954,323
MANHIRE, JEFFREY B. 2,956,674
MANKIEWICZ GEBR. & CO. GMBH & CO. KG 2,953,861
MANKU, MEHAR 2,953,633
MANKU, TAJINDER 2,958,084
MANTELL, ROBERT 2,958,031
MAO, GUOHONG 2,958,105
MAO, GUOHONG 2,958,434
MAO, GUOHONG 2,958,437
MAR, CRAIG 2,958,065
MARCHAND, JEAN-BAPTISTE 2,954,841
MARCHAND, NICHOLAS RYAN 2,954,424
MARIOTT, WESLEY R. 2,958,224
MARIOTT, WESLEY R. 2,958,435
MARKL, HANS JURGEN 2,955,206
MARKOWSKI, ROBERT 2,958,201
MARKS, ESTEBAN 2,954,698
MARTIN, CAMPBELL NEIL ADDISON 2,958,119
MARTIN, DAVID P. 2,958,544
MARTIN, JOSEPH 2,955,151
MARUGAN, JUAN JOSE 2,951,924
MARUTANI, YUUKI 2,958,050
MASONITE CORPORATION 2,949,268
MASSE, EMMANUEL 2,954,579
MASSEY, DEAN RICHARD 2,958,116
MASSICOT, BLAISE 2,954,713
MASSON, STEPHANE 2,951,571
MAST, LUKE A. 2,958,344
MASTELLER, EMMA 2,951,156
MASTERCARD INTERNATIONAL INCORPORATED 2,956,729
MASTERCARD INTERNATIONAL INCORPORATED 2,958,179
MASTERCARD INTERNATIONAL INCORPORATED 2,958,205
MATARASSO, NOA 2,958,039
MATHEISL, MICHAEL 2,954,698
MATHUR, PRABODH 2,958,197
MATICAD S.R.L. 2,956,492
MATSUMOTO, TAKAFUMI 2,958,239
MATSUYAMA, RYUSUKE 2,958,534
MATSUYAMA, RYUSUKE 2,958,535
MATTER, YVES 2,954,459
MATTHEWS, MARTIN R. 2,956,674
MATTIONI, BRUNO 2,954,816
MATUSCH, DIRK 2,954,713
MAYNARD, HEATHER D. 2,958,053
MAYNARD, HEATHER D. 2,958,090
MCCABE, SEAN 2,958,269
MCCALLUM, NEVIN 2,958,269
MCCONNELL, THOMAS E. 2,958,317
MCCORD, DARLENE E. 2,958,372
MCCULLOUGH, JOCELYN MICHELLE 2,952,982
MCCULLOUGH, JOCELYN MICHELLE 2,952,983
MCCULLOUGH, JOCELYN MICHELLE 2,952,985
MCCUNE, DAVID WILLIAM 2,958,312
MCDONALD, IAN 2,958,269
MCGEE, CRAIG S. 2,958,073
MCGLOIN, JUSTIN PATRICK 2,954,373
MCJUNKINS, WILLIAM ROBERT 2,954,854
MCKAY, MATTHEW 2,957,213
MCLAREN, MARK ARVIND 2,958,120
MCMUNN, KEVIN RALPH 2,957,603
MEDIMMUNE LIMITED 2,950,046
MEDTRONIC XOMED, INC. 2,954,394
MEDVINSKY, ALEXANDER 2,951,914
MEHTA, SOMIL C. 2,951,860
MEMORIAL SLOAN KETTERING CANCER CENTER 2,955,021
MENKE, LUCAS 2,952,891
MERCIER, ALEXIS 2,955,131
MERCURIO, CIRO 2,953,005
MERI ENVIRONMENTAL SOLUTIONS GMBH 2,952,891
MERICAS, CHRISTOPHER JAMES 2,958,182
MERONI, GIUSEPPE 2,953,005
MESCHKAT, STEPHAN JAMES ANDREAS 2,954,905
METACTIVE MEDICAL, INC. 2,957,601
METALOGENIA RESEARCH & TECHNOLOGIES S.L. 2,954,095
METTEN STEIN+DESIGN GMBH & CO. KG 2,954,356
METTEN, MICHAEL 2,954,356
MEXICHEM FLUOR S.A. DE C.V. 2,950,389
MEYER, ALEXANDER 2,954,945
MEYER, HEIKO 2,955,206
MICKLEM, DAVID ROBERT 2,952,113
MICROINNOVA ENGINEERING GMBH 2,949,436
MICROSOFT TECHNOLOGY LICENSING, LLC 2,957,188
MICROSOFT TECHNOLOGY LICENSING, LLC 2,957,299
MIDDLE PEAK MEDICAL, INC. 2,958,061
MIDDLE PEAK MEDICAL, INC. 2,958,065
MIHOVILOVIC, MARKO 2,949,436
MIINALAINEN, KAISA 2,951,361
MILANI, AURELIE 2,954,830
MILKOMAX, SOLUTIONS LAITIERES INC. 2,958,249
MILLAR, MACKENZIE 2,958,091
MILLER, DONALD L. 2,954,513
MILLER, PHILIP GLEN 2,958,583
MINARD, ELRIC 2,951,757
MIOZZI, MICHELE 2,951,483
MISSION THERAPEUTICS LIMITED 2,951,683
MITCHELL, DOUGLAS A. 2,951,565
MITCHELL, JAMES 2,958,251
MITSUBISHI ELECTRIC CORPORATION 2,958,525
MITTERMEIER, SIMON 2,958,119
MIZUGUCHI, EISAKU 2,958,543
MLNARIK, KEVIN JOHN 2,953,112
MODUL-SYSTEM HH AB 2,954,226
MOERAE MATRIX, INC. 2,958,085
MOLECULAR ASSEMBLIES, INC. 2,958,581
MOLOTOV 2,957,001
MONNERY, BRYN 2,955,301
MONROY FELIX, DAVID 2,958,120
MOONEY, NATHAN K. 2,954,992
MOORE, MEGAN 2,951,904
MOORHOUSE, JOHN H. 2,958,224

MOORHOUSE, JOHN H. 2,958,435
MORIERAS, GIL 2,953,879
MORINI, MARCO 2,954,323
MORISON, PAMELA MARIE 2,950,144
MORLEY, JONATHAN DAVID 2,953,191
MORRELL, NICHOLAS W. 2,954,221
MORRIS, JAMES ALAN 2,949,177
MORRIS, STEPHEN WYNFORD 2,953,285
MORRISON, HENRY 2,951,883
MORROW, MICHELLE 2,950,046
MORROW, TIMOTHY I. 2,953,571
MOSELEY, DONN WARWICK 2,949,177
MOSHAL, MARTIN PAUL 2,957,488
MOYA, JOSEPH 2,958,209
MOYSES, CHRIS 2,953,285
MUELLER, ALEXANDER 2,957,651
MULAZIMOGLU, HASIM 2,955,271
MULAZIMOGLU, HASIM 2,955,275
MULLAN, GEORGE 2,954,405
MULLER, JOHANNES 2,956,725
MUNICIPAL PROPERTY ASSESSMENT CORPORATION 2,957,604
MURATA, YOSHIHISA 2,958,543
MURPHY, MAURA 2,958,316
MUSE, MICHAEL J. 2,957,963
MUYO, GONZALO 2,954,580
MYLAN INC. 2,958,087
MYLAN INC. 2,958,233
NADUTHAMBI, DEVAN 2,952,012
NADUTHAMBI, DEVAN 2,952,025
NADUTHAMBI, DEVAN 2,952,037
NAGAO, TOSHIMITSU 2,957,587
NAGAURA, TAKESHI 2,958,423
NAGY, THOMAS CHARLES 2,958,269
NAKAI, YUTA 2,958,542
NAKAMURA, MIKIHIKO 2,958,054
NALLAGATLA, SUBBARAO 2,953,216
NAOR, DAVID 2,951,984
NASERI, SARA 2,958,554
NATIONAL HEALTH RESEARCH INSTITUTES 2,958,398
NATIONAL OILWELL VARCO, L.P. 2,954,424
NATIONAL RESEARCH COUNCIL OF CANADA (NRC) 2,957,953
NATIONAL RESEARCH COUNCIL OF CANADA 2,958,409
NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY 2,958,542
NAVIA, JOSE L. 2,951,413
NAVIONICS SPA 2,956,885
NEGAHDAR, ALI 2,951,914
NEGALAGULI, HARISHA M. 2,958,215
NEMETH, PAUL 2,958,316
NESTEC S.A. 2,955,029
NESTLE, NIKOLAUS 2,953,927
NEUHOFER JUN., FRANZ 2,955,278
NEW YORK AIR BRAKE LLC 2,958,226
NEW YORK UNIVERSITY 2,958,145
NEWMAN, MATTHEW LLOYD 2,953,250
NEWNS, DAVID 2,955,142
NGT GLOBAL AG 2,958,104
NGUYEN, DUC HUNG 2,954,937
NGUYEN, LINH 2,958,151
NGUYEN, LINH 2,958,154
NGUYEN, TAN 2,958,209
NICHOLS, STEPHEN J. 2,958,426
NICOLINI, VALERIA G. 2,951,604
NICOVENTURES HOLDINGS LIMITED 2,954,848
NICOVENTURES HOLDINGS LIMITED 2,955,142
NIDEC MOTOR CORPORATION 2,958,563
NIDERBERG, ALEXANDER L. 2,958,572
NIGHTINGALE, CHRISTOPHER EARL 2,958,119
NILSSON, LINN HODNELAND 2,952,113
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,958,037
NISHIKAWA, MASAFUMI 2,958,536
NISHIURA, TAKEO 2,958,535
NISSAN MOTOR CO., LTD. 2,958,530
NITZ, MARK 2,958,092
NOBLE, SHAWN D. 2,955,151
NOF CORPORATION 2,958,542
NOGUCHI, YUKI 2,958,542
NOJI, HIROYUKI 2,958,042
NOMURA, KENICHI 2,958,543
NOMURA, MASAYOSHI 2,958,274
NOORDAM, CHRISTIAAN SILVESTER 2,954,275
NORDIC BUILD IVS 2,953,192
NORRET, MARCK 2,958,316
NORRGA, STAFFAN 2,952,931
NORTEK AIR SOLUTIONS CANADA, INC. 2,958,480
NORTHGATE TECHNOLOGIES INC. 2,958,031
NOVABONE PRODUCTS, LLC 2,958,555
NOVACEK, THOMAS 2,954,698
NOVARTIS AG 2,956,813
NOVELIS INC. 2,954,502
NOVELIS INC. 2,954,513
NOVOZYMES BIOAG A/S 2,954,484
NSK AMERICAS, INC. 2,955,244
O'BRIAN, MICHAEL A. 2,953,803
O'DONNELL, CHARLES LEO 2,957,972
OCADO INNOVATION LIMITED 2,953,028
OCHIAI, YASUSHI 2,958,239
OERTIG, MICHAEL 2,951,581
OFFEN, DAVID WILLIAM 2,958,401
OFIR-BIRIN, YIFAT LOUBA 2,958,039
OGATA, HIDEKI 2,958,535
OGDEN, RICHARD W. 2,958,083
OHASHI, TOSHIHIKO 2,958,054
OHTAKE, YOSHIHITO 2,958,543
OHTOMO, SHUICHI 2,958,543
OKAMOTO, NAOKI 2,958,543
OKUNO CHEMICAL INDUSTRIES CO., LTD. 2,957,587
OLD, DAVID W. 2,953,218
OLESINSKA, PAULINA A. 2,958,237
OLESINSKA, PAULINA A. 2,958,244
OLIVER, DANA A. 2,954,394
OLLIVIER, PASCAL 2,951,471
OLSEN, GREGORY JAMES 2,958,119
OMAN, TRENT JAMES 2,958,063
OMAN, TRENT JAMES 2,958,074
OMYA INTERNATIONAL AG 2,953,879
OMYA INTERNATIONAL AG 2,954,873
ONCOMED PHARMACEUTICALS, INC. 2,958,144
ONE MEDIA, LLC 2,957,573
ONO PHARMACEUTICAL CO., LTD. 2,958,423
ONO, SHIZUKA 2,958,423
ONO, YOSHIYUKI 2,958,543
OPHTHALMOSYSTEM GMBH 2,958,260
OPTOMETRIC AIR LENS, S.L. 2,953,025
OPTOS PLC 2,954,580
OSBORNE, ERIC 2,958,590
OSGOOD, PETER N. 2,954,310
OSTRANDER, KEVIN 2,958,087
OSTRER, HARRY 2,958,550
OTA, MASAKI 2,958,542
OTSUKA, KUNIAKI 2,957,587
OTTOW, MARTIN 2,954,715
OUTOTEC (FINLAND) OY 2,951,361
OWEN, KEVIN 2,951,567
OWEN, ROBERT MCKENZIE 2,951,497
OWENS CORNING INTELLECTUAL CAPITAL, LLC 2,958,314
OZAWA, HIROKI 2,958,533
PADULA, GUILLERMO H. 2,956,906
PAGE, JONATHAN E. 2,957,953
PAILLER, RENE 2,955,132
PALLANIK, KYLE ROBERT JOSEPH 2,957,604
PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA 2,958,429
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. 2,958,044
PANICKER, BIJOY 2,957,785
PARENTO, STEPHEN A. 2,958,205
PARK, CHUN SUN 2,958,438
PARK, GIWON 2,957,183
PARK, HANUEL 2,958,092
PARKS, JERRY MICHAEL 2,958,314
PATEL, KRISHNAKANT M. 2,958,215
PATEL, LEENA 2,952,012
PATEL, LEENA 2,952,018
PATEL, LEENA 2,952,025
PATEL, MAHENDRA 2,958,332
PATEL, MAYUR 2,958,332
PATEL, PRIYANK 2,958,332
PATERSON, KENNETH GRAHAM 2,956,876
PCHELINTSEV, DENIS VASILYEVICH 2,958,104
PEARLMAN, ALEXANDER 2,958,550
PECHENOT, FLORENCE 2,954,830

PECK, JOHN PATRICK 2,957,763
PEDEN, BENOIT 2,954,313
PEDEN, BENOIT 2,954,362
PEDERSEN, MATTHEW JAMES 2,958,119
PEDRO, MICHAEL J. 2,958,557
PENNY, BRADLEY ERIC 2,953,695
PERLADE, ASTRID 2,954,830
PERNOT, MATHIEU 2,954,573
PERREAULT, STEPHANE 2,952,018
PERREAULT, STEPHANE 2,952,025
PERREAULT, STEPHANE 2,952,044
PERRY, ARIANNE 2,953,243
PERRY, MARK J. 2,951,904
PERULLO, DAVID 2,955,001
PETERS, OSI M. 2,957,276
PETERSON, CRAIG 2,958,110
PETKU, BRIAN 2,958,335
PETRAKIS, JORDANIS 2,954,715
PETROWELL LIMITED 2,957,865
PETTERSSON, KRISTER 2,958,476
PFIZER LIMITED 2,951,497
PHADTE, MANGALA 2,949,177
PHARES, KEN 2,952,223
PHILIP MORRIS PRODUCTS S.A. 2,951,101
PHILIP MORRIS PRODUCTS S.A. 2,951,103
PHILIP MORRIS PRODUCTS S.A. 2,951,105
PHILIP MORRIS PRODUCTS S.A. 2,951,354
PHILIP MORRIS PRODUCTS S.A. 2,951,396
PHILIP MORRIS PRODUCTS S.A. 2,951,403
PHILIP MORRIS PRODUCTS S.A. 2,952,534
PHILIP MORRIS PRODUCTS S.A. 2,954,819
PHILIP MORRIS PRODUCTS S.A. 2,954,820
PHILIP MORRIS PRODUCTS S.A. 2,954,821
PHILIP, BRADLEY S. 2,958,343
PHILIPPE, ERIC 2,955,132
PHILLIPS, BARTON W. 2,952,012
PHILLIPS, BARTON W. 2,952,018
PHILLIPS, BARTON W. 2,952,025
PHILLIPS, BARTON W. 2,952,037
PHILLIPS, GARY 2,952,012
PHILLIPS, GARY 2,952,018
PHILLIPS, GARY 2,952,025
PHILLIPS, GARY 2,952,037
PHILLIPS, JAMES 2,958,076
PIERGALLINI, REMIGIO 2,958,273
PIJNENBURG, JOHANNES PETRUS MARIA 2,954,820
PINHEIRO, RODRIGO 2,955,271
PINHEIRO, RODRIGO 2,955,275
PIPARD, JEAN-MARC 2,954,830
PIRON, CAMERON 2,958,494
PISKLAK, THOMAS J. 2,958,339
PITIGOI-ARON, RADU 2,954,373
PITRODA, SEAN P. 2,958,290
PIXARBIO CORPORATION 2,958,195
PK CLEAN TECHNOLOGIES, INC. 2,958,004
PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H. 2,953,846
PODHOREZ, DAVID E. 2,958,058
POFCHER, PAUL 2,958,588
POLEGATO MORETTI, MARIO 2,954,816
POLONI, LIVIO 2,954,816
POLYBIOCEPT AB 2,951,749
POMRINK, GREGORY J. 2,958,555
PONSSE OYJ 2,958,618
PONSSE OYJ 2,958,619
POON, EDMUND 2,950,046
PORATY-GAVRA, LIMOR 2,958,039
PORCHIA, JOSE 2,935,500
POVINELLI, ANTHONY J. 2,956,674
PRACHUMSRI, WUDHIDHAM 2,955,275
PREMIER CROP SYSTEMS, LLC 2,953,042
PRICE, BURT LEE 2,957,035
PRIMETALS TECHNOLOGIES USA LLC 2,954,310
PRINS, JAN 2,954,787
PROGRESS PROFILES SPA 2,958,571
PROJECT PHOENIX, LLC 2,955,017
PRYDE, DAVID CAMERON 2,951,497
PULFREY, SHAUN 2,952,545
PURAC BIOCHEM BV 2,955,720
PURCELL, MARC 2,958,501
QIMAROX PATENTEN B.V. 2,953,314
QIU, XIN 2,951,914
QUALCOMM INCORPORATED 2,954,373
QUALCOMM INCORPORATED 2,957,035
QUALCOMM INCORPORATED 2,957,218
QUALCOMM LIFE, INC. 2,958,322
QUANTUM VALLEY INVESTMENT FUND LP 2,958,250
QUIRING, PETER 2,954,709
QUIRING, PETER 2,954,716
QURASENSE INC. 2,958,554
RAACO A/S 2,954,485
RABE, THOMAS ELLIOT 2,954,905
RADEMACHER, JUDE THOMAS 2,954,569
RADOVIC-MORENO, ALEKSANDAR FILIP 2,953,216
RAGHAVAN, PREETI 2,958,145
RAGHOTHAMAN, BALAJI 2,951,548
RAJPUT, VISHAL 2,958,283
RANTA, NIKO 2,958,619
RAO, DAVULURI RAMAMOHAN 2,958,283
RASHID, EVAN TANVEER 2,958,232
RASK NIELSEN, GURLI 2,954,709
RASK NIELSEN, GURLI 2,954,716
RAUCHT, SCOTT H. 2,955,001
RAVI, PONNAIAH 2,958,283
RAZA, ZAHIR JAFFER 2,957,573
REBEK, JULIUS M., JR. 2,952,065
REDFORD, RYAN G. 2,958,557
REDMOND, TIMOTHY ST. JOHN 2,958,217
REDX PHARMA PLC 2,951,504
REG LIFE SCIENCES, LLC 2,951,925
REICH, JOHANNES 2,951,755
REICHENBERGER, THOMAS 2,954,815
REILLY, THOMAS M. 2,958,557
REILLY, WILLIAM C. 2,958,244
REILMAN, RANDALL THOMAS 2,958,305
RENO, ELIZABETH ANN BROWN 2,953,250
RENTSCH, SAMUEL 2,953,879
REVOLUTIONARY MEDICAL DEVICES, INC. 2,958,557
REYNOLDS, FRANCIS M. 2,958,195
REYNOLDS, TRENT GEORGE 2,958,277
REYNOLDS, TROY 2,951,883
RHO, JAISOOK 2,958,217
RHODIA OPERATIONS 2,953,048
RICHARD, PATRICK 2,955,131
RICHMOND, JOSHUA 2,958,494
RICOH COMPANY, LTD. 2,958,274
RIDGWAY, CATHERINE JEAN 2,953,879
RIED, XAVER 2,954,815
RIMON KNOPF, RONIT 2,958,039
RITTINGHAUS, ANDREA 2,954,514
RITTINGHAUS, ANDREA 2,954,520
RITTNER, KAROLA 2,954,841
RIZK, SAID 2,958,544
RIZZA, GREGORY 2,955,271
RIZZA, GREGORY 2,955,275
ROBERTSON, ANDREW ALEXANDER 2,954,569
ROBERTSON, DANIEL W. 2,953,487
ROBERTSON, DANIEL W. 2,953,512
ROCHA, MICHAEL 2,958,588
ROCHE, JOSE 2,954,711
ROGERS, JOHN A. 2,958,168
ROHDE, DOMINGO 2,954,715
ROHM AND HAAS COMPANY 2,951,860
ROIG, FRANCISCO 2,955,029
ROMPE, ANDRE 2,955,061
ROSE, HAMISH JOSHUA 2,958,119
ROSENTHAL, MICHAEL H. 2,958,213
ROSIER, MICHAEL 2,957,041
ROSSI, BENJAMIN 2,952,532
ROSSINI, MASSIMO 2,956,492
ROUSE, TIMOTHY J. 2,951,483
ROUSSEAU, VICTOR 2,958,249
ROWLEY, JOHN ROGER 2,958,327
ROWLEY, MARCIA GENE 2,958,327
RUBNER, FLORIAN 2,955,096
RUSSELL, SALLY ELIZABETH 2,949,177
RYU, KISEON 2,957,183
S.C. JOHNSON & SON, INC. 2,935,500
SABATINO, DENISE 2,958,141
SABOUNCHI, POORYA 2,949,984
SAFRAN CERAMICS 2,955,132
SAGADY, CARY M. 2,956,731
SAGETECH MEDICAL EQUIPMENT LIMITED 2,958,545
SAHGAL, SHEKHAR 2,958,205
SAIDI, IYAD S. 2,958,213

SAIKH, KAMAL U. 2,952,065
SAILER, PAUL 2,954,698
SAINI, AANCHAL 2,954,716
SAINSBURY, TRACEY 2,953,194
SAINT-GOBAIN GLASS FRANCE 2,954,227
SAINT-GOBAIN GLASS FRANCE 2,954,462
SAINT-GOBAIN GLASS FRANCE 2,954,468
SAINT-GOBAIN GLASS FRANCE 2,955,133
SAINT-GOBAIN WEBER 2,954,321
SALOMON SAS. 2,954,250
SALOMON SAS. 2,954,833
SAMA, RINDA 2,958,197
SAMADANI, RAMIN 2,954,373
SAMANTA, TAPAS 2,958,198
SAMBUSSETI, ANTONIO 2,950,397
SAMUMED, LLC 2,958,580
SANCHEZ FERNANDEZ, LUCIA DEL CARMEN 2,958,114
SANDBERG, STUART 2,951,548
SANSON, JULIEN 2,955,128
SANTERRE, PAUL 2,957,968
SAREMI, FARBOD 2,957,150
SARONG S.P.A. 2,953,301
SARPOTDAR, PRAMOD 2,951,725
SASAKI, MAKI 2,958,239
SASAKI, SHOTA 2,958,542
SASOL PERFORMANCE CHEMICALS GMBH 2,955,193
SASOL PERFORMANCE CHEMICALS GMBH 2,955,195
SAUDI ARABIAN OIL COMPANY 2,953,542
SAUDI ARABIAN OIL COMPANY 2,956,567
SAUMAREZ, RICHARD C. 2,958,026
SAUMAREZ, RICHARD C. 2,958,028
SAVUOJA, JANI 2,958,619
SAYANY, SALMAN ASHIQALI 2,957,604
SCARBOROUGH, ROBERT 2,958,402
SCHAEFERS, EVA 2,956,157
SCHAFER, BARRY WILLIAM 2,958,063
SCHAFER, BARRY WILLIAM 2,958,074
SCHALLER, JEAN-PIERRE 2,954,821
SCHEIBEL, JEFFREY JOHN 2,958,305
SCHEIBNER, JOHN B. 2,951,646
SCHIESSL, ALOIS 2,951,948
SCHILLING, JAN CHRISTOPHER 2,955,121
SCHIRMER, ANDREAS W. 2,951,925
SCHMID, ERIC 2,958,197
SCHMID, ERIC 2,958,210
SCHMIDL, JURGEN 2,954,697
SCHMIDT, DANIEL 2,951,581
SCHMIDT, KRIS 2,953,927
SCHMIDT, MARTIN 2,958,509
SCHMIDT, PEER 2,956,782
SCHMIDT, PEER 2,956,784
SCHNEIDER, JOHN KEITH 2,957,218
SCHOENEN, FRANK J. 2,951,924
SCHON, MICHAEL 2,949,436
SCHOTTE, REMKO 2,953,277
SCHRODER, CLEMENS 2,958,305
SCHROEDER, DENNIS 2,958,197
SCHROEDER, DENNIS 2,958,210
SCHROEDER, TIMOTHY PAUL 2,954,621
SCHULDT, JACOB CHROEIS NAKAMURA 2,956,876
SCHULZ, ROBERT 2,954,698
SCHUMACHER ELECTRIC CORPORATION 2,958,151
SCHUMACHER ELECTRIC CORPORATION 2,958,154
SCHUMACHER, ANTONIUS NICOLAAS MARIA 2,953,277
SCHUMACHER, JOHANN RICHARD 2,954,412
SCHUMANN, UWE 2,954,937
SCHUNCK, STEPHAN 2,954,715
SCHUURMAN, THOMAS 2,954,405
SCHWARTZ, ROBERT 2,957,766
SCHWARZ, DANIEL E. 2,958,086
SCHWEISS, RUDIGER-BERND 2,954,704
SCIBREAK AB 2,952,931
SCIENTIFIC GAMES HOLDINGS LIMITED 2,956,252
SCODA, ENRICO 2,958,235
SEHGAL, ASHISH 2,958,332
SEIBERT, MATTHEW 2,954,513
SELA, GAI 2,958,494
SELF, KYLE 2,958,089
SELIGMAN, SCOTT 2,958,070
SEMONES, SHAWN 2,954,484
SENA, ARMANDO RUGGIERO 2,953,542
SENDA, SHO 2,958,533
SENTI-WENK, ARMELLE 2,953,879
SERLETIC, MATTHEW MICHAEL 2,958,251
SERRANO MEDICAL SOLUTIONS INC. 2,958,277
SESHAPPA, VENKATESH 2,954,273
SEYED AHMADI, MEHRAN 2,958,480
SGL CARBON SE 2,954,704
SHAH, DHAVAL RAJESHBHAI 2,957,035
SHALE OIL TOOLS, LLC 2,958,320
SHAN, GUOMIN 2,958,063
SHAN, GUOMIN 2,958,074
SHANGHAI HAIHE PHARMACEUTICAL CO., LTD. 2,958,503
SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES 2,958,503
SHANGHAI XINTANG INDUSTRIAL CO., LTD. 2,958,493
SHARP KABUSHIKI KAISHA 2,958,531
SHARRATT, ANDREW 2,950,389
SHEA, DANIEL PATRICK 2,958,401
SHEAR, VICTOR HENRY 2,958,217
SHELBY, KEVIN A. 2,957,573
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,954,720
SHEN, TENGFEI 2,949,519
SHENYANG SINOCHEM AGROCHEMICALS R&D CO., LTD. 2,958,170
SHERMAN, FAIZ FEISAL 2,954,905
SHI, BING 2,951,883
SHIMIZU, NAYUTA 2,958,542
SHINZATO, YOSHIFUMI 2,958,132
SHOREY, ANTHONY WILLIAM 2,953,382
SI, ERWIN C. 2,952,772
SIEBERS, JOSEF 2,954,406
SIEMENS AKTIENGESELLSCHAFT 2,955,061
SIEMENS AKTIENGESELLSCHAFT 2,955,206
SIEMENS AKTIENGESELLSCHAFT 2,955,209
SIEMENS INDUSTRY, INC. 2,953,487
SIEMENS INDUSTRY, INC. 2,953,512
SIEWERT, ERWAN 2,954,309
SIKORSKI, ROBERT 2,951,156
SILTBERG, DANIEL 2,951,646
SILVESTRE, NATHALIE 2,954,841
SIMON, MICHAEL J. 2,957,573
SINGH, BALVIR 2,958,332
SIRONI, MASSIMO 2,955,029
SISGRASS B.V. 2,954,405
SIUTA-CRUCE, PATRICIA B. 2,954,569
SIVIK, MARK ROBERT 2,952,982
SIVIK, MARK ROBERT 2,952,983
SIVIK, MARK ROBERT 2,952,985
SIVIK, MARK ROBERT 2,952,990
SIVIK, MARK ROBERT 2,953,049
SJODEN, TORD 2,954,319
SLIGHT, MATTHEW ROBERT GEOFF 2,958,120
SMITH & NEPHEW PLC 2,952,284
SMITH, MICHAEL PARRY 2,957,067
SMITH, RONALD T. 2,956,813
SMITHS MEDICAL INTERNATIONAL LIMITED 2,954,592
SMOLAN, PETER 2,954,621
SOLAS, DENNIS 2,958,089
SOLIS HERRERA, ARTURO 2,958,547
SOMERSET COAL INTERNATIONAL 2,950,586
SOMMER, ANDREAS 2,955,279
SONDEREGGER, RALPH L. 2,954,382
SONNENMOSER, ASTRID 2,954,701
SOUGUIR, ZIED 2,954,455
SOUTHALL, NOEL TERRENCE 2,951,924
SPARACINO, GIOVANNI 2,958,067
SPARKS, THOMAS C. 2,958,207
SPEAR, TONY WILLIAM 2,958,119
SPIETH, FALK 2,955,096
SPIROX, INC. 2,958,213
SPITS, HERGEN 2,953,277
SPOOKFISH INNOVATIONS PTY LTD 2,958,075
STADLER, SHANE 2,958,198
STAGNI, ALBERTO 2,953,479
STAIR, TODD ANTHONY 2,958,182
STAIR, TODD ANTHONY 2,958,187

STARK, DANIEL E. 2,958,240
STARK, DANIEL E. 2,958,241
STARK, DAVID H. 2,958,414
STEALTH BIOTHERAPEUTICS CORP 2,958,585
STECCO, ANTONIO 2,958,145
STEFANIDIS, DIMITRIOS 2,951,883
STEFFEY, MELINDA PHYLLIS 2,958,305
STEGFELLNER, LEOPOLD 2,955,279
STEIH, RICHARD 2,958,344
STELFORD, MARK WILLIAM 2,953,042
STELZER, JAMES 2,958,343
STENGER, PATRICK CHRISTOPHER 2,958,305
STEPHENSON, KATHERINE 2,957,601
STEPHENSON, MATTHEW ROGER 2,958,120
STEPHENSON, STANLEY V. 2,958,047
STETTNER, MARTIN 2,953,929
STEVENS, KIRK L. 2,952,012
STEVENS, KIRK L. 2,952,025
STEWART, ROSS 2,950,046
STICHTING HET NEDERLANDS KANKER INSTITUUT-ANTONI VAN LEEUWENHOEK ZIEKENHUIS 2,953,277
STINCHCOMB, AUDRA LYNN 2,955,241
STOUT, JASON M. 2,957,953
STRIEMER, GRANT EDWARD ANDERS 2,954,905
SUAU, JEAN-MARC 2,954,459
SUMITOMO DAINIPPON PHARMA CO., LTD. 2,958,239
SUN, FEI 2,958,097
SUN, GANGWEI 2,957,605
SUN, YANG-SHENG 2,958,193
SUNSTAR GIKEN KABUSHIKI KAISHA 2,958,536
SURJAATMADJA, JIM BASUKI 2,958,047
SUTTON, JONATHAN MARK 2,951,743
SVARTVATN, TOMMY 2,958,541
SWAL, MICKAEL 2,954,963
SWAN, DEREK 2,954,580
SWARTZMILLER, STEVEN B. 2,949,268
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,958,494
SYNGENTA PARTICIPATIONS AG 2,949,177
T3 MICRO, INC. 2,958,588
TACHIBANA, KAZUTAKA 2,958,543
TACKETT, TIMOTHY DEAN 2,954,854
TAHA, RACHID 2,953,803
TAILLET, BRICE 2,955,132
TAIRA, MASATO 2,958,037
TAKAMA, AKIRA 2,958,536
TAKEDA PHARMACEUTICAL COMPANY LIMITED 2,951,521
TAKEDA, HIROSHI 2,958,530
TAKEUCHI, JUN 2,958,423
TAKEUCHI, MIFUNE 2,951,497
TALLENT, MELANIE 2,958,524
TAMP, FABIAN JOHN 2,953,587
TANAKA, SHOTA 2,958,543
TANG, JIANSHENG 2,954,854
TANG-SCHOMER, MIN 2,951,712
TANGE, KOTA 2,958,542
TANGLE TEEZER LIMITED 2,952,545
TANTER, MICKAEL 2,954,573
TAPLEY, JOHN 2,956,541
TARASOV, ANDREY LEONIDOVICH 2,958,104
TAZ 2,951,471
TECHNISCHE UNIVERSITAT DRESDEN 2,953,197
TECHNOLOGIES KHLOROS INC. 2,958,501
TEPHA, INC. 2,958,544
TERHUNE, JOANNA 2,958,233
TESA SE 2,954,937
TEYSSANDIER, FRANCIS 2,955,132
THALES 2,954,313
THALES 2,954,362
THALES 2,957,961
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS 2,951,565
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS 2,958,168
THE BOOTS COMPANY PLC 2,954,770
THE CHILDREN'S HOSPITAL OF PHILADELPHIA 2,958,141
THE CLEVELAND CLINIC FOUNDATION 2,951,413
THE GILLETTE COMPANY LLC 2,953,382
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 2,957,968
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 2,958,092
THE NIELSEN COMPANY (US), LLC 2,958,125
THE PROCTER & GAMBLE COMPANY 2,950,144
THE PROCTER & GAMBLE COMPANY 2,952,979
THE PROCTER & GAMBLE COMPANY 2,952,982
THE PROCTER & GAMBLE COMPANY 2,952,983
THE PROCTER & GAMBLE COMPANY 2,952,985
THE PROCTER & GAMBLE COMPANY 2,952,990
THE PROCTER & GAMBLE COMPANY 2,953,049
THE PROCTER & GAMBLE COMPANY 2,953,250
THE PROCTER & GAMBLE COMPANY 2,954,905
THE PROCTER & GAMBLE COMPANY 2,958,305
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,958,053
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,958,090
THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING / MCGILL UNIVERSITY 2,958,402
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,951,924
THE UNIVERSITY OF CHICAGO 2,958,290
THERKELSEN, SOREN 2,958,554
THIEL, VASCO 2,953,929
THIOUDELLET, CHRISTINE 2,954,841
THOMAS, WILLIAM D., JR. 2,958,018
THOMPSON, ANDREW HUGIN 2,951,348
THOMPSON, JEFFREY JOHN 2,957,972
THOMPSON-WEILER ENTERPRISES LLC 2,958,209
THYSSENKRUPP AG 2,954,713
THYSSENKRUPP RASSELSTEIN GMBH 2,954,713
TIAN, TIAN 2,951,200
TIETZ, JONATHAN 2,951,565
TODD, DAVID F. 2,957,276
TOGUCHIDA, JUNYA 2,958,533
TOLEDO-CROW, RICARDO 2,955,021
TOLMAN, RANDY C. 2,953,571
TONCELLI, LUCA 2,954,471
TORBETT, PATRICK WILLIAM 2,956,825
TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION 2,958,050
TOSUN, ZEHRA 2,958,555
TOTAL MARKETING SERVICES 2,955,128
TOTH, LANDY 2,957,766
TRALDI, FLAVIO 2,953,301
TRAN, HAI QUANG 2,949,984
TRAN, LUAN 2,958,309
TRANI, MARINA 2,954,848
TRANSGENE SA 2,954,841
TREEBY, CAMERON BRUCE WILLIAM 2,952,545
TREIBERG, JENNIFER A. 2,952,018
TREIBERG, JENNIFER A. 2,952,025
TREIBERG, JENNIFER ANNE 2,952,012
TRIGINER BOIXEDA, JORGE 2,954,095
TRIVEDI, NAIMISHA 2,953,198
TROIANO, RICHARD 2,950,586
TROPPER, MICHAEL 2,958,588
TRUDEAU, LUC 2,958,254
TSE, BEN 2,956,813
TSE, KATHRYN LOUISE 2,953,194
TSUJIMOTO, TAKAMITSU 2,957,587
TUN, ZAYA 2,958,065
TUNG, WAE-HAI 2,958,340
TURAN, AHMET 2,954,227

TUREK, LADISLAV 2,954,621
TUTO, JOAN 2,954,095
TYCO FIRE & SECURITY GMBH 2,956,906
UACJ CORPORATION 2,958,132
UCB BIOPHARMA SPRL 2,951,609
UKAI, KAZUTOSHI 2,958,246
ULINSKAS, VIT 2,956,813
UMANA, PABLO 2,951,604
UMICORE AG & CO. KG 2,951,571
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